

The  
**CHEMIST AND DRUGGIST**  
 for RETAILER - WHOLESALER - MANUFACTURER

Established 1859

28 Essex Street, Strand, London, W.C.2

Registered as a Newspaper

3381  
L. CXLII

NOVEMBER 25, 1944

Annual Subscription (with  
Diary) 25/- Single copies 9d.

TRADE MARK **'MERTHIOLATE'** BRAND

Sodium Ethyl Mercuri Thiosalicylate

'Merthiolate' is noted for its general applicability in clinical antisepsis. The germicidal action of 'Merthiolate' is prompt and its antiseptic effect is well sustained. Tincture 'Merthiolate' is intended for presurgical disinfection of the skin. Solution 'Merthiolate' is stainless, non-irritating and is intended for general clinical use. 'Merthiolate' is also supplied in ointment, cream, jelly and suppository forms.

P.A.T.A.

**ELI LILLY AND COMPANY LIMITED**  
 BASINGSTOKE, HANTS

PACKED PHARMACEUTICALS • HYPODERMIC TABLETS

*An outstanding reputation*

For 75 years a policy of supplying  
only the finest pharmaceutical pre-  
parations at reasonable prices has  
been consistently maintained.

**WRIGHT, LAYMAN & UMNEY LTD.**

SOUTHWARK • LONDON • S.E.1 • HOP 2315

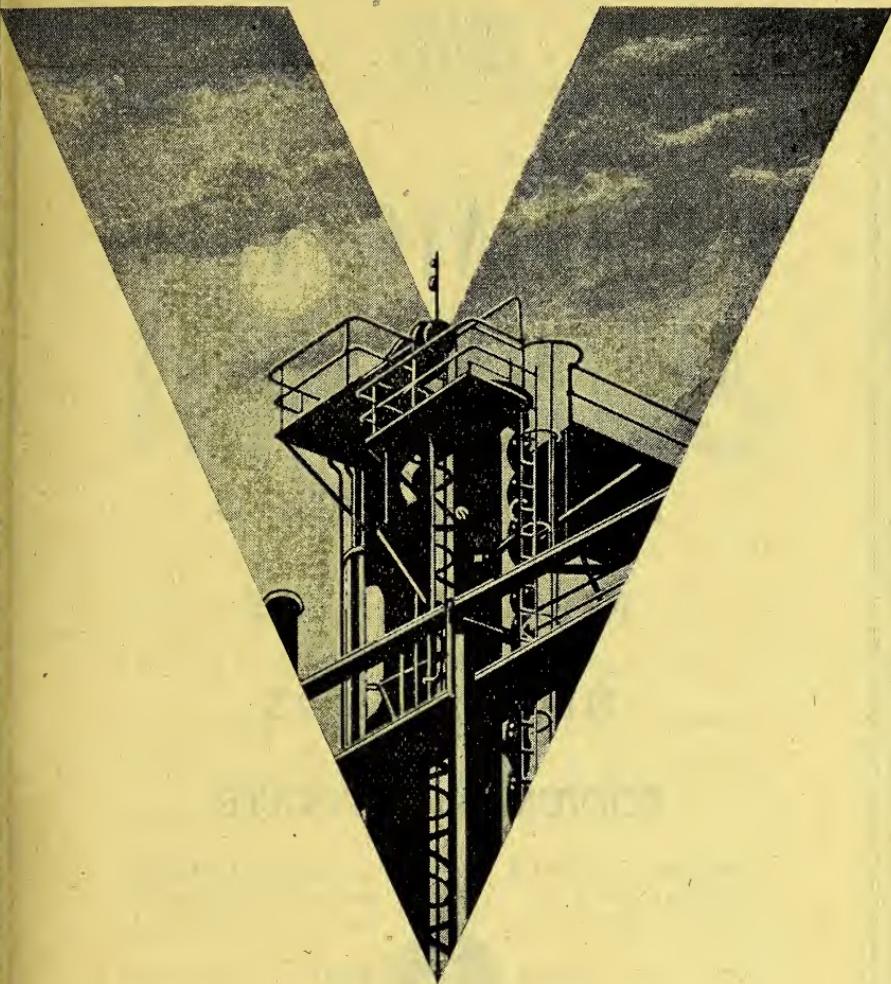
• DISINFECTANTS

BULK DRUGS

• AMPOULES

November 25, 1944

THE CHEMIST AND DRUGGIST



---

# Monsanto CHEMICALS FOR EVERY INDUSTRY

A1605

MONSANTO

CHEMICALS

LIMITED

• RUABON •

WREXHAM •

DENBIGHSHIRE

# NICOTINIC ACID AND DERIVATIVES

\*

## ACID NICOTINIC

## NICOTINAMIDE

## NIKETHAMIDE

## SODIUM NICOTINATE

We have recently been able to effect slight reductions in the prices of the above products



---

**WARD, BLENKINSOP**  
& CO LTD

CHEMICAL MANUFACTURERS

BROOKLANDS • HALEWOOD • LIVERPOOL  
Telephone: HUNTS CROSS 1381      Telegrams: DUOCHEM, L'POOL

EMPIRE HOUSE, ST. MARTINS-LE-GRAND, LONDON, E.C.1  
KELVIN 4325

Information on the above and other «WB» products  
sent on request.

MEDICAL **EVANS** SUPPLIES

## ORAL TREATMENT OF ANÆMIA

with

# HEPAMINO

(Proteolysed Liver)

Clinical trials have demonstrated the value of Hepamino in the oral treatment of pernicious and other megalocytic anaemias even when these have proved refractory to the established forms of liver therapy.

Developed and introduced by The Evans Biological Institute, Hepamino contains the enzyme digested constituents of whole fresh ox liver in a dried, soluble and readily assimilable form.

Issued in 5 oz. (approx.) bottles at

Retail ....	15/-	Wholesale ....	11/3
-------------	------	----------------	------

*Every effort is being made to allocate the increasing supplies where they are most needed.*

**EVANS SONS LESCHER & WEBB LTD.**

FINE CHEMICALS ■■■ BIOLOGICALS ■■■ PHARMACEUTICALS



# VAPEX

*The Modern Treatment for Colds*  
“A Drop on your Handkerchief”

Like many other products of good repute, Vapex has had to make way for more imperatively urgent needs. Throughout the war pharmaceutical work of national importance has taken an increasing precedence — and will continue to do so — but with the return of normal conditions Vapex will be offered to you again without delay.

THOMAS KERFOOT & Co. Ltd., Vale of Bardsley, LANCASHIRE

PROMOTES DEEP  
REFRESHING  
SLEEP

Cadbury's  
**BOURN-VITA**  
NEEDS NO SUGAR

## INDEX TO ADVERTISERS

The fact that goods made of raw materials in short supply owing to war conditions are advertised in this paper should not be taken as an indication that they are necessarily available for export.

len, Stafford, & Sons, Ltd.	18
nglo-African Shipping Co. (S.A.), Ltd.	v
attles, Ltd.	x
ayer Products, Ltd.	1
eatson, Clark & Co., Ltd.	viii
aulah, J. & J., Ltd.	22
ritish Drug Houses Ltd., The	v
ritish Dyewood Co., Ltd.	x
ritish Felsol Co., Ltd.	Cover iv
ritish Thomson-Houston Co., Ltd.	24
ryan, Don, Ltd.	Leader Page
uckley-Bowker Tablet Co., Ltd.	iv
urrough, James, Ltd.	Leader Page
urroughs Wellcome & Co.	25
adbury Bros., Ltd.	4
alvert, F. C., & Co., Ltd.	5
hemical & Natural Products, Ltd.	xii
ements, M., (Chemists Sundries), Ltd.	Col. Supp.
hen, Simon C.	24
rona Pharmaceutical Products	9
ox, Arthur H., & Co., Ltd.	8
ixson, Gerrard & Co., Ltd.	8
ae Health Laboratories, Ltd.	16
angoor, N. S., Ltd.	iv
aniel, Richard, & Son, Ltd.	9
stillers Co., Ltd.	Leader Page
iseps, Ltd.	13
ucryl, Ltd.	24
vans Sons Lescher & Webb, Ltd.	3



Order your requirements NOW!

9/- per dozen less discount

6 dozen parcel less 5% & 2½%

12 " " " 10% & 2½%

F. C. CALVERT & CO. LTD., MANCHESTER, 11



## SEROCALCIN

PLEASE ORDER EARLY

In spite of heavy demand, stimulated by recommendations and National Press advertising, we are pleased to announce that we have been able largely to overcome supply difficulties. Chemists are, however, invited to place their orders early to avoid the possibility of future delays in delivery.

**SEROCALCIN PREVENTS COLDS**

Serocalcin is available in two sizes only :

20 tablets 3/4½d.; 60 tablets 8/5½d. including purchase tax.

HARWOODS LABORATORIES LTD., WATFORD, HERTS. WATFORD 4457

**INDEX—(contd.)**

Fennings, A.	10	Midgley & Parkinson, Ltd.
Freudentheil, Smith & Co.	x	Monsanto Chemicals, Ltd.
Gale & Mount, Ltd.	vi	Moore Medicinal Products, Ltd.
Gardner, W., & Sons (Glos.), Ltd.	viii	National Glass Works (York), Ltd.
Gcigy Pharmaceutical Co., Ltd.	ii	Olley, C., & Sons, Ltd.
Genoxide, Ltd.	14	Owbridge, W. T., Ltd.
George, Ernest, & Co.	Col. Supp.	Oxo, Ltd.
Gilbert, J. C., Ltd.	ii	Perken, Son & Co., Ltd.
Goldstone Chemical Works	Leader Page	Pharmaceutical Specialities (May & Baker), Ltd.
Graesser, R., Ltd.	v	Cover
Graesser Salicylates, Ltd.	ii	Porteus, Geo., & Sons (Leeds), Ltd.
Griffith Hughes, E., Ltd.	12	Potter & Clarke, Ltd.
Hag, I.	Col. Supp.	Reckitt & Sons, Ltd.
Harman Dietetic Laboratories, Ltd.	Col. Supp.	Rendell, W. J., Ltd.
Harvey & Co. (Dublin), Ltd.	Leader Page	Reuter, R. J., Co., Ltd.
Harwoods Laboratories, Ltd.	5	Leader Pa
Hough, Hoseason & Co., Ltd.	14	Rodmilk Chemical Co., Ltd.
Imextrade, Ltd.	Leader Page	Savory & Moore, Ltd.
Imperial Patent Wadding Co., Ltd.	viii	Scott, A. & R., Ltd.
Influcol, Ltd.	13	Scurr, C. A.
International Chemical Co., Ltd.	iii	Sessions, W., Ltd.
International Laboratories, Ltd.	12, 17	Smith, J. H., & Co., Ltd.
Jackson, G., & Sons, Ltd.	22	Splendor, Ltd.
Jeffreys, Miller & Co., Ltd.	iv	Surgical Hosiery Co., Ltd.
Jones, W. H., & Co. (London), Ltd.	Leader Page	Tonicity Laboratories, Ltd.
Kemball, Bishop & Co., Ltd.	19	United Glass Bottle Manufacturers, Ltd.
Kerfoot, T., & Co., Ltd.	4	Urillac Co., Ltd.
Knox, John, (Midland), Ltd.	22	Vigon, J. J., & Co.
Kolynos (Sales), Ltd.	xi	Col. Su
Lilly, Eli, & Co., Ltd.	Front Cover	Waide, Thos., & Sons, Ltd.
Liverpool School of Pharmacy	Leader Page	Wander, A., Ltd.
Macleans, Ltd.	15	Ward, Blenkinsop & Co., Ltd.
Marshall, Leconte & Co., Ltd.	Col. Supp.	Watford Chemical Co., Ltd.
Matthews Laboratories, Ltd.	Leader Page	White, J. F., & Co., Ltd.
Maw, S., Son & Sons, Ltd.	10, 11	Wilson & Mansfield, Ltd.
		Wright, Layman & Umney, Ltd.
		Young, S. C.
		Col. Su



*Improved Pack!*

# URILLAC

NOW IN TWO SIZES

8½ d. for 12 tablets

1/5 d. for 25 tablets  
including tax.

Display these attractive new packs on your counter and reap the benefit from our consistent advertising and growing sales.



## Be guided by NURSE DREW

Every woman knows the familiar face of Nurse Drew. Women's magazines, national newspapers and periodicals of every kind carry Rendells announcements regularly. Display Rendells show material prominently and share in the wide-spread demand for Rendells products.

**Rendells**  
PRODUCTS  
FOR FEMININE HYGIENE

P.A.T.A

FOR UNVARYING QUALITY AND DEPENDABILITY

# \*Cox of Brighton

An organization with extensive knowledge and long experience, aided by modern scientific production facilities, and specializing in the manufacture of

## \*Pills and Tablets

ARTHUR H. COX & CO. LTD. . EST. 1839 . BRIGHTON

### THERE IS A LIMIT

WHEN you ask and are refused, it is because, to meet your requirements to the full, other Pharmacists would go short ; and conversely to fill completely their needs would mean further deletions or reductions in the commodities you are justified to receive.

We shall be obliged therefore if, in fairness to all in the trade, you will confine your orders to those lines, and in the reasonable quantities, it has been your practice to obtain from us regularly.

CUXSON, GERRARD & CO., LTD. : OLDBURY : BIRMINGHAM



Established 1860

MANUFACTURERS OF  
**TABLETS**  
AND  
**PILLS**  
For the  
Pharmaceutical  
Trade

*Richard Daniel & Son*  
Derby.  
LTD.

'Phone: Derby 4266-7-8. 'Grams: Dania Derby

A. WANDER LTD.

**CHANGE  
OF ADDRESS**

All correspondence  
for A. Wander Ltd.  
should in future be  
addressed to the  
London Offices, as  
below, instead of to  
King's Langley.

**A. WANDER LTD.**

*Manufacturing Chemists*

**5 & 7 ALBERT HALL  
MANSIONS  
LONDON, S.W.7**

Announcing

**CORONA**  
ETHICAL PRODUCTS

PALASEP

THROAT TABLET

Antiseptic-Germicidal  
Cartons 10½d. inc. tax.  
Trade: 6/- plus tax.

CORONA

STOMACH TABLETS

Antacid digestion aiding  
Cartons 9d. inc. tax.  
Trade: 5/8 plus tax.

VITAQUIN TONIC TABLETS

The perfect Tonic.  
Cartons 2/3 inc. tax.  
Trade: 14/- plus tax.

CORONA IRON AND  
YEAST TABLETS

A balanced combination  
of yeast and iron  
easily assimilated.  
Cartons 1/4½ inc. tax.  
Trade: 8/6 plus tax.

*All Ethical Formulas and Chemists Only Lines. Further  
announcements of the Corona Range will appear at  
frequent intervals*

Manufactured by

**CORONA PHARMACEUTICAL  
PRODUCTS**

Green Cross, Moldgreen, HUDDERSFIELD



50% Profit on  
Purchase at Best  
Terms. Retail  
Price 2/3 incl.  
Purchase Tax.

starts on the 1st January, 1945, so order  
now to meet demand.

Obtain "Smalls" through your Wholesaler.

For best direct parcel terms apply to  
Distributors

S. MAW, SON & SONS, LTD.  
ALDERSGATE HOUSE, NEW BARNET, HERTS.

# Persom-nia

*A first class  
Sleeping Tablet + Sedative*

★ NON TOXIC

Persomnia—the safe sedative—induces restful, refreshing sleep. Absolutely safe in use, has no after-effects, cumulative action, and contains no free Bromide. May be taken safely even by children.

The excellent formula includes Bromisovalerylurea and Carbromal.

The attractive and artistic display outer is an ornament to any counter.

National Advertising

starts on the 1st January, 1945, so order

now to meet demand.

★ NON HABIT FORMING

Persomnia—the safe sedative—induces restful, refreshing sleep. Absolutely safe in use, has no after-effects, cumulative action, and contains no free Bromide. May be taken safely even by children.

Persom-nia  
TRADE MARK FOR  
insomnia

# FENNINGS

FAMOUS FOR OVER 80 YEARS

P.A.T.A.

FENNINGS' FEVER MIXTURE . . . . . 1/3 a bottle

(If difficult to obtain write direct to Messrs. SUTTON & SONS, 12 Brandon Rd., London, N.7.)

FENNINGS' LITTLE HEALERS

For Coughs, Colds, Bronchitis, etc. 3/- glass tubes and 6/- Carton of 12 Packets, retailing at 6d. each.

FENNINGS' OINTMENT. Demand Steadily Increasing

For Cuts, Burns, Bruises, Chilblains, and all skin irritations. 1/3 a tin

FENNINGS' WHOOPING COUGH POWDERS

FENNINGS' WORM POWDERS } 1/3 and 3/- boxes

FENNINGS' STOMACH STRENGTHENERS }

FENNINGS' RHEUMATIC AND ERYsipelas DROPS— 1/3 a bottle

Please address orders and inquiries to your Wholesaler

N.B.—FENNINGS' COOLING POWDERS (Children's and Adults') are at present in short supply, owing to war conditions, but every endeavour is being made to execute orders

PROPRIETORS: THE TRUSTEES OF ALFRED FENNINGS (DECEASED)  
COWES, Isle of Wight

THE  
HOUSE OF MAW  
still efficiently  
at your Service!

- SURGICAL DRESSINGS
- SURGICAL INSTRUMENTS
- SURGICAL APPLIANCES
- FIRST AID EQUIPMENT
- MEDICAL REQUISITES
- CHEMISTS SUNDRIES

**S. MAW, SON & SONS, LTD.,  
ALDERSGATE HOUSE, NEW BARNET, HERTS.**

Telephone - BARNET 5555

Telegrams - ELEVEN, BARNET

ESTABLISHED 1807

LPEI41A



## Offer real relief to sufferers from Catarrh

The KARSODRINE pocket inhaler (containing Amphetamine) affords instant and prolonged relief in cases of Nasal Catarrh, Head Colds, Sinusitis, and all forms of nasal congestion.

Can be carried in the pocket or handbag and, by removal of only one cap, is immediately ready for use.

The powerful vasoconstrictor in the inhaler instantly penetrates and decongests inflamed mucosa in the nasal cavity, freeing blocked air passages. KARSODRINE vapours are pleasant and soothing and their effect is prolonged.

Invaluable as a constant companion during epidemics.

### \*K A R S O D R I N E\*

*The vasoconstrictor inhaler with one cap*

Each Karsodrine Inhaler contains: Amphetamine 0·330 grm.; Cineole 0·093 grm.; Ol. Citronell 0·026 grm.; Methyl Salicyl. 0·023 grm.; Ol. Cedri 0·005 grm.; Menthol 0·049 grm.; Ol. Eucalypt. 0·089 grm.

E. GRIFFITHS HUGHES LTD., 7, ADELPHI, SALFORD 3, MANCHESTER

P.A.T.A.

# RHEUMAGIC

## *The PAIN KILLER*

Strenuous war work tends to increase the incidence of Rheumatism, Lumbago and similar ailments.

Rheumagic has proved its ability to give relief from pain and enables many sufferers who would otherwise be confined to the house to continue at their work.

Rheumagic makes no claim to cure Rheumatism and allied ailments. Its purpose is to relieve suffering, and by doing so speedily and effectively it makes a definite contribution to the National effort. Moreover, Rheumagic gives a guarantee of full satisfaction or money back.



## Rheumagic

Brand

FORMULA OILS

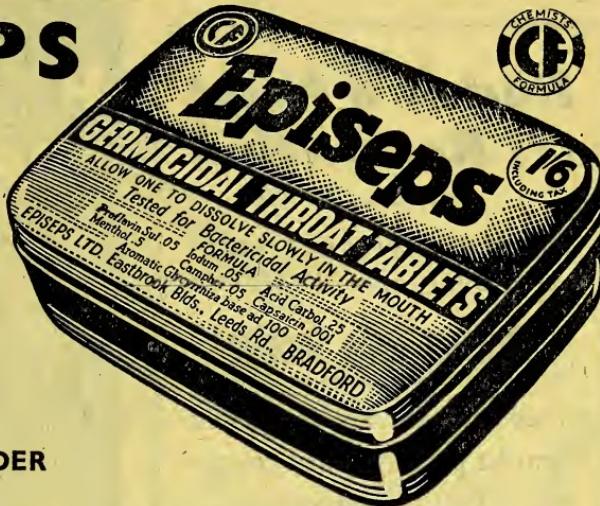
Retail Prices 1/5 and 3/4½ per bottle (inc. Pur. Tax)

INTERNATIONAL LABORATORIES, CHARLBURY, OXFORD

# EPISEPS

Limited supplies of Episeps Germicidal Throat Tablets (increased sugar content) are available from all C.F. Wholesalers @ 10/6 per doz., plus tax. Or in case of difficulty, direct at the rate of £6 19s. 8d. per gross,

**CASH WITH ORDER**



\* ORDER YOUR SEASON'S STOCKS NOW!

**EPISEPS LIMITED,** Eastbrook Bdg., Leeds Rd., Bradford, Yorks.

# INFLUCOL



A COMPREHENSIVE TREATMENT FOR THE PREVENTION AND CURE OF THE COMMON COLD AND INFLUENZA.

Containing oral vaccines comprising heat sterilised killed cultures of Haemolytic Streptococcus, 250 million; Pneumococcus, 250 million; Micrococcus Catarrhalis, 500 million; 2.8, Diamino Acridine Sulph. .005, Iodum .1, in acid saline base with processed protective coatings.

\* **Special Introductory Offer**

13 TO THE DOZEN

3 dozen 2/11d.	Influcol at 21/- per dozen	..	..	£3	3	0
LESS 5 per cent.	Cash with Order	..	..	3	2	
				3	0	1
Purchase Tax at 16½ per cent	..	..	..	10	0	0
" " on bonus	..	..	..	10		
CASH WITH ORDER	..	..	..	£3	10	11

Send Cash with order or

NAME OF USUAL WHOLESALER.

**INFLUCOL LIMITED, 24/28 Chapel Street, Bradford**

## ***End of a Good (?) Resolution***

The smoker's regular morning resolution—

**"I Must cut down Smoking!"**

(broken, of course, before the day is over)

need never be muttered (amidst paroxysms of coughing) if you introduce

## **MOROVIN THROAT TABLETS**

to smoker customers.

MOROVIN Throat Tablets do really "stop the tickle"; they alleviate throat irritation and are unrivalled for sore throats.

The formula is sound—Benzocaine, Borax and Menthol, in a sweetened base, pleasantly flavoured with Liquorice and Anise.

Tins of 25 tablets sell at 1/1½ (inc. Tax) and are packed in attractive outers, holding 2 dozen tins

Orders can be executed immediately from Stock

## **MOORE MEDICINAL PRODUCTS LIMITED**

ABERDEEN

SCOTLAND

BOTTLED

## **HYDROGEN PEROXIDE**

HOME AND  
EXPORT



## **COLLOIDAL MAGNESIA**

H.H.&CO.

*A NEW LINE with an ever increasing demand*

Colloidal Magnesia is a most efficient Antacid and laxative with a little peppermint flavouring to suit the public taste.

### ACTIVE CONSTITUENTS :

Magnesi Oxidum Leve .. ..	6.85%
Magnesi Citras. .. ..	1.37%
Sodii Citras. .. ..	0.152%
Oleum Menthæ Piperitæ .. ..	0.0074%
Glycerinum .. ..	10%

RETAIL: 1/6d. inc. Tax.

COST: 10/6d. per doz. (plus 16½% P.T.)

BONUS: 13 to Dozen on Gross Lots.

**HOUGH, HOSEASON & CO., LTD.  
PENDLETON - MANCHESTER**

# TWO INTO ONE WON'T GO!

1. Fold them flat and tie together with string. (Paper wrapping unnecessary.) Send parcel post. Tuck in flaps where necessary, to keep size within postal regulations. Pack smaller containers inside larger ones. (Four to seven average size containers approximate size allowed.)

2. Use addressed labels received with invoices. Enter cost of postage on Postal Receipt portion of label (which must be date-stamped by Post Office). Detach this Receipt portion and keep it.

3. Postage will be refunded only by our representative when he calls, on surrender of Receipt. This Receipt cannot be accepted for direct credit, and must not be deducted from account.

And two orders won't go into one cardboard container !

Sorry to keep harping on the subject, gentlemen, but new containers are STILL as scarce as ever and if you want the goods, we want containers to put them into.

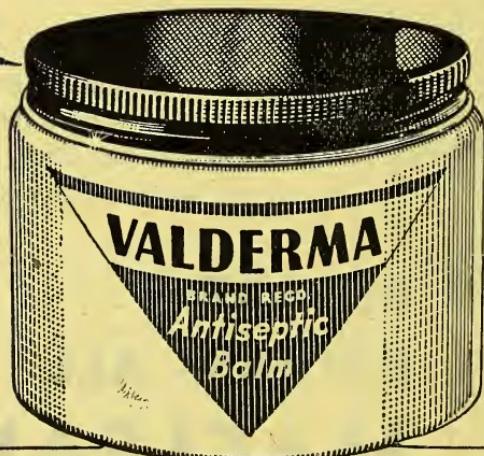
Kindly comply with our conditions of sale and—

**PLEASE  
RETURN ALL  
MACLEANS**

**CARDBOARD CONTAINERS AT ONCE**

MACLEANS LTD., GREAT WEST ROAD, BRENTFORD, MIDDLESEX  
Phone : Ealing 6616      Wires : Macleans, Brentford

Every month over  
60,800,000  
people see  
**VALDERMA**  
ANTISEPTIC BALM  
Advertising

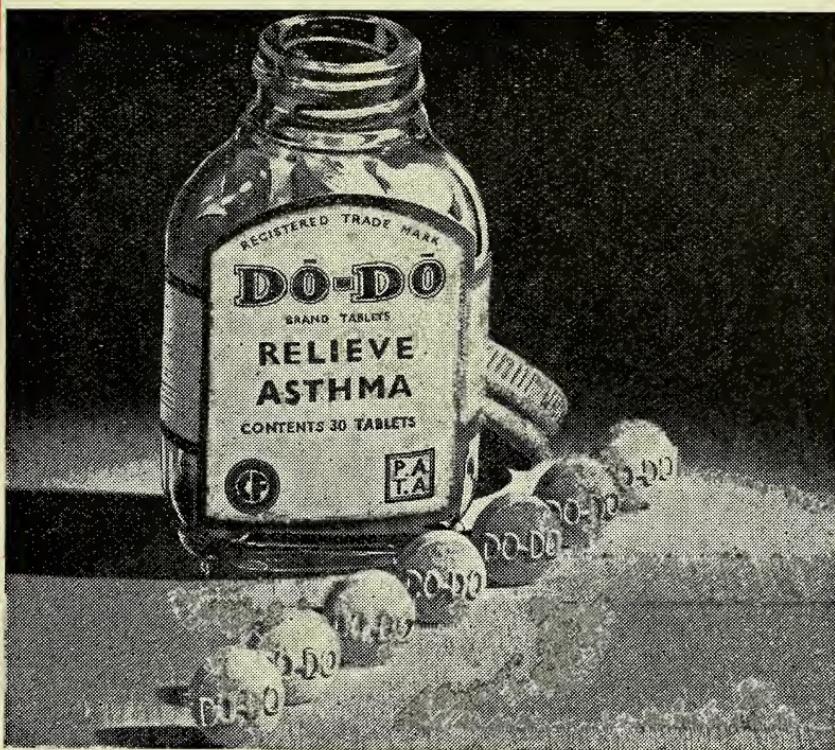


No wonder  
this fast selling  
line makes  
big profits  
for go ahead  
chemists

DELIVERY  
BY RETURN

STANDARD SIZE retails at 2/- a jar, including Tax  
Trade Price 15/- per dozen. Purchase Tax 2/6 per dozen.  
DOUBLE SIZE retails at 3/6 a jar, including Tax  
Trade Price 26/- per dozen. Purchase Tax 4/4 per dozen.  
Show material sent with every order.

DAE HEALTH LABORATORIES LIMITED, 26 BERNERS STREET, W.



The qualities of Do-Do Asthma Tablets have gained increasing recognition, until to-day they have the largest sale of any asthma tablet in the world. 30 Tablets 3s. 4½d.; Trial size (7 Full Doses) 1s. 1½d. (Prices include Purchase Tax.)

International Laboratories Ltd., Charlbury, Oxford.  
Charlbury 29.

# Do-Do

P.A.T.A.





## SCIENCE WITH PRACTICE

*Established 1833*

A Still Room at our Wharf Road Works

**Essential Oils** — With many of the essential oils unobtainable or in drastically short supply, manufacturers' problems tend to become acute. We cannot pretend always to solve them, but we can offer you our vast accumulated experience and the service of our experts in producing something to meet your special requirements. It has often been through such service that leading firms have learnt to rely on —

**StaffAllenS**

STAFFORD ALLEN &amp; SONS, LTD., WHARF ROAD, LONDON. N.1

TAS/AL. 121

ESTABLISHED 1870

Kemball,

TELEPHONE ADVANCE 1234

TELEGRAMS KEMBALL, LONDON

CODES A.B.C. 6th. BENTLEY'S PRIVATE

Bishop

& CO. LTD.

MANUFACTURING CHEMISTS

CROWN CHEMICAL WORKS, THREE MILL LANE, BROMLEY-BY-BOW, LONDON, E.3.

**CITRIC ACID. TARTARIC ACID.**

**CREAM OF TARTAR. ROCHELLE SALTS.**

**CALCIUM GLUCONATE.**

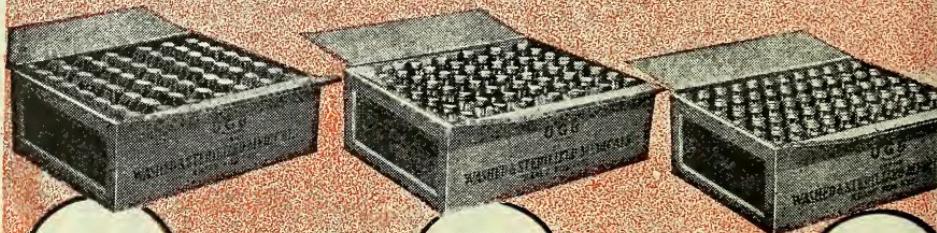
**LITHIUM CARBONATE,**

**CHLORIDE AND HYDROXIDE.**

QUALITY GUARANTEED

**GREATER  
THAN EVER IS THE  
DEMAND FOR**

**U.G.B.  
MEDICAL BOTTLES**



CORK  
MOUTH

WHITE  
ENAMELLED  
METAL  
SCREW-CAP

KORKALITE  
MOULDED  
CAP

WASHED AND STERILISED  
—READY FOR USE—  
THE IDEAL  
DISPENSING BOTTLE  
IN ANY EMERGENCY

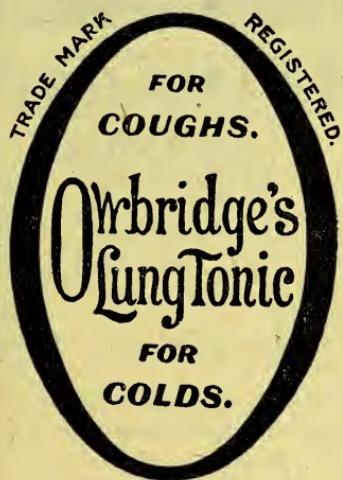
**UNITED GLASS BOTTLE**

MANUFACTURERS LTD.

*The Largest Manufacturers of Glass Bottles  
in Europe*

8 LEICESTER STREET, W.C.2

Telephone : GERrard 8611 (10 lines)  
Telegrams : Unglaboman, Leic peace, London



We regret that owing to shortage of raw materials we are still compelled to ration supplies to our customers

We should very much appreciate customers emptying our cases as soon as possible after receipt and returning same at their EARLIEST convenience.

SERIOUS DELAYS IN DELIVERY ARE BEING CAUSED BY THE SHORTAGE OF CASES.

(Protected by P.A.T.A.)

**W. T. OWBRIDGE, Ltd., The Laboratory, HULL**

**PETTOL** BRAND  
**ointment**  
HEALING AND ANTISEPTIC

**MARRSONA**

YEAST FOR ANAEMIA

1IDGLEY & PARKINSON, LTD.  
WARREN WORKS, PUDSEY, LEEDS

Dr. White's



Manufactured only by

J. F. WHITE & CO., LTD.  
Lovington Laboratory, Benson St., Leeds, 7



ALL TYPES OF  
**CLINICAL**  
AND OTHER  
**THERMETERS**



**PERKEN, SON & CO. LTD.**

(ESTABLISHED 1852)

Quotations on Application:  
**8 HATTON GARDEN,**  
**LONDON, E.C.1**

Telephone: 0724 Holborn  
Telegrams: "Optimus. Smith, London"

# WAR-TIME MARKET NEWS

summarising war-time opportunities, special notices, new packaging and new products

## JACKSONS FEBRIFUGE

and

### DRAWING OINTMENT

are now labelled to  
comply with the  
Pharmacy & Medicine  
Act, 1941

**GEO. JACKSON & SONS, LTD.**  
BREWERY STREET, HARPURHEY  
MANCHESTER 9

## HALMAGON

KEEP YOUR  
STOCKS UP

BOTH SIZES

3/11½ and 11/10  
(Inclusive of Tax)

Wholesalers have Your Needs

TONICITY LABORATORIES LTD.

16 CEDARS ROAD LONDON, S.W.1

## RENOIDS

(Dr. Knox's Back and Kidney Pills)

NOW  
AVAILABLE  
IN  
QUANTITY

9/- per doz.  
plus Purchase Tax  
Inclusive  
Selling Price  
1/3

**JOHN KNOX**  
Cannon Street  
HANLEY

Dean Street  
BIRMINGHAM

A REPUTATION FOR RELIABILITY

## "Sentinel"

SANI-TOWELS

Available in all popular sizes:

'SENTINEL' Nos. 1, 2, 3 and 'Maternity'  
(all cotton-wool with loop ends)  
also 'SENTINEL' Soluble

SPLENDOR LTD., 5 Beastmarket Hill, NOTTINGHAM  
and 7c, Lower Belgrave Street, LONDON, S.W.1

THERE IS NOT SUFFICIENT

## Beaulah's

FAMOUS  
MALTED  
MILK

FOR ALL THE PEOPLE  
WHO WANT IT

Our policy therefore is to distribute  
all available supplies to our Chemist  
Friends only

In two popular sizes only during  
the war, 2/- & 4/-

J. & J. BEAULAH LIMITED,  
BOSTON, LINCS.



## LABELS and SEALS of Distinction

Special designs or stock  
wordings for all kinds  
of Toilet preparations

High-class Labels in  
Continental style for  
home and export trade  
Specialists in Labels of  
quality by every process

WILLIAM SESSIONS LTD.  
THE EBOR PRESS - YORK



SUNDEW

*Drosera rotundifolia*

Since

**POTTER & CLARKE LTD 1812**

Growers &amp; Importers of Herbs, Roots &amp; Barks.

60-64 ARTILLERY LANE . LONDON E.I.  
and at 77 DANTZIC STREET, MANCHESTER 4  
Telephone Bishopsgate 4761 (6 lines) or Manchester... Blackfriars 8734



We're telling more mothers  
about  
**'KEPLER'**  
TRADE MARK  
COD LIVER OIL WITH MALT EXTRACT  
**this winter**



This winter 'Kepler' will again be advertised extensively. Sunday papers, women's magazines and national weeklies will between them carry millions of advertisements to remind mothers that the men and women of tomorrow need 'Kepler' today. 'Kepler' still retains its high, pre-war standards of quality unchanged and at its new, reduced prices the demand will be greater than ever.

Send in your order NOW and so make sure of meeting the big, seasonal demand.

**NEW PRICES 5/9 and 3/3** (*Subject to trade discount*)



**BURROUGHS WELLCOME & CO.**

(The Wellcome Foundation Ltd.)

LONDON

(T.16.)



P.A.T.A.

TRADE MARK

ESTABLISHED 1794

**"TETRONOX"**

Trade Mark

Brand

*Barbitone with phenacetine, phenazone,  
hexamine and magnesium peroxide.*

Reliable hypnotic and sedative. This barbiturate preparation is well tolerated through its careful combination with other drugs. The enhanced effect thus produced is not accompanied by like toxicity. "Tetronox" has a wide field of indications in psychiatry and is furthermore of value in menstrual discomforts, post-operative and post-partum sedation, occupational insomnia, premature waking, delirium tremens, etc.

TABLETS 10-100

**"MORYL"**

Trade Mark

Brand

*Carbaminoylecholine Chloride*

Powerful parasympathetic stimulant.

**"Dr. JENNER'S  
ABSORBENT LOZENGES"**

Trade Mark

Digestive Tablets

Brand

Famous for 150 years for indigestion.

**"MEDILAX"**

Trade Mark

Brand

*Laxative Pellets*

Something more persuasive.

**MARTINDALE****"E.S.T.P."**

Trade Mark

Brand

*Ether-Soluble Tar Paste*

An advance in coal tar therapy.

**MARTINDALE****"STERULES"**

Trade Mark

Brand

Selected preparations for injection.

**SQUIBB****"QUINOLOR"**

Trade Mark

Brand

*Compound Ointment*

Tissue-repair promoting Antiseptic.

Full details on request to:—

**Savory & Moore Ltd.***Chemists to The King*

Lawrence Road, Tottenham, N.15  
or Wm. Martindale, 50 Wigmore Street, W.I

**"OXOID"**

The word "OXOID" is the trade mark of OXO Ltd., and is used in connection with their therapeutic preparations both in tablet and fluid extract form.

ORGANO-THERAPEUTICAL PRODUCTS

**OXO LABORATORY PREPARATIONS**

For PERNICIOUS ANÆMIA

**"ERYTHOID"**

"Erythoid" is desiccated gastric tissue, manufactured at a low temperature.

An efficient preparation and can be confidently recommended as an alternative or a substitute for liver in the treatment of Pernicious Anæmia.

Put up in Vials, each of which contains 15 grams of desiccated gastric tissue; and can be administered by mouth, mixed with milk.

In boxes of 10 Vials (7/6).

**OXO LIMITED**

Thames House, Queen Street Place,  
London, E.C.4



OXO LABORATORY PREPARATIONS





# The CHEMIST AND DRUGGIST

For RETAILER — WHOLESALER — MANUFACTURER

Published Weekly at

**28 ESSEX STREET, STRAND, LONDON, W.C.2**

Telegrams: "Chemicus, Strand, London" Telephone: Central 6565 (10 lines)

Emergency Address: 17 ARGYLE STREET, BATH Telephone: Bath 5492

## CONTENTS

	Page		Page
Birkenhead Vote on Central Dispensary . . . . .	568	Miscellaneous Inquiries . . . . .	572
Business Changes . . . . .	553	N. J. I. C. Retail Employment . . . . .	558
Coming Events . . . . .	550	Agreement . . . . .	558
Company News . . . . .	552	News of the Week . . . . .	547
Conference of Branch Representatives . . . . .	564	Packaging for the Tropics . . . . .	556
Deaths . . . . .	554	Parliamentary News . . . . .	555
Editorial Articles:—		Personalities . . . . .	555
Mandate for Joint Committee . . . . .	561	Proprietary Articles Trade Association . . . . .	553
First Fruits of J.I.C. . . . .	562	Topical Reflections . . . . .	551
Interim Reallocation of Civilian Man-power . . . . .	563	Trade Marks . . . . .	552
Imprisonment for "Common Swindle" . . . . .	550	Trade Notes . . . . .	553
Legal Reports . . . . .	549	Trade Report . . . . .	570
		Ulster Chemists' Association . . . . .	569
		Wills . . . . .	555

## NEWS OF THE WEEK

**Reallocation of Civilian Man-power.**—White Paper entitled "Reallocation of man-power between civilian employments during any interim period between the defeat of Germany and the defeat of Japan" (Cmd. 6568), has been issued, and copies are available from H.M. Stationery Office, Kingsway, London, W.C.2, price one penny. Editorial, p. 562.

**Suggested Board of Trade Reform.**—In a report on the Government's employment policy, the Association of British Chambers

Commerce includes a recommendation that the Board of Trade should be reorganised as a Ministry of Commerce, with the Minister a member of the War Cabinet. Other changes called for are prompt repayment of refunds of excess profits tax to small firms to finance the changeover from war to peace production, and immediate action to ease the burden of double taxation and thus help British industry to compete in export markets.

**British Colour Makers' Association.**—At the annual general meeting of the Associa-

tion held on November 14, the following officers and council were elected: Chairman, Mr. J. Crombie; Vice-chairman, Mr. H. G. Ferguson; Honorary Treasurer, Mr. C. G. A. Cowan; Council, Messrs. K. Burrell, J. Crombie, H. G. Ferguson, A. H. Orchard, S. K. Roberts, V. Watson, H. A. Wilson; Secretary, Mr. Allan J. Holden, B.Sc., F.I.C.

**Dublin Dentists Use Penicillin.**—Dentists in Dublin claim to be the first in any country to have used penicillin for the treatment of sepsis of the gums and trench mouth. Dr. F. Dunkin (president, Dental Students' Society) stated recently that Irish dentists had used penicillin for these purposes during October and early November, with encouraging results. The penicillin used had been made by Dr. Oliver Roberts, M.Sc., at the College of Science, Dublin.

**Dental Service Proposals.**—The Inter-departmental Committee on Dentistry published on November 17 an interim report to the Minister of Health and the Secretary of State for Scotland, unanimously

recommending a comprehensive dental service as part of the Government's National Health Service; and a dental-practitioner service broadly analogous to the proposed general medical practitioner service. Dental health centres on experimental lines are suggested, either separate or as part of general health centres in suitable areas. The report recommends special efforts to improve the teeth of expectant and nursing mothers, children and adolescents.

**Industrial Health Grant.**—The trustees of the Nuffield Foundation have offered grants totalling £150,000 to the Universities of Durham, Glasgow and Manchester for the development of teaching and research in industrial health.

**Vitamin C in Dentistry.**—The part played by the Dundee Dental Hospital in developing the use of vitamin C in dentistry was referred to at the annual meeting of the directors of the hospital on November 6, when the chairman stated that the effective use of vitamin C had been discovered by Professor H. Gordon Kemble (dean of the dental hospital).

**Bath N.P.U. Branch.**—At the annual meeting of the Bath Branch of the National Pharmaceutical Union on November 15, the following officers were elected: *Chairman*, Mr. T. Swain; *Vice-chairman*, Mr. H. T. Doble (both for a second year); *Treasurer*, Mr. J. H. Hopkins; *Secretary*, Mr. E. C. Haskins; *Proprietary Articles Trade Association Secretary*, Mr. T. J. Cornish; *Committee*, Messrs. A. H. Hale, A. P. Curtis, C. Plagerson, and L. E. Williams. The treasurer's report was adopted. MR. SWAIN presented his report on the N.P.U. Branch Delegates' conference. The secretary (Mr. E. C. Haskins), in his annual report, said he had been told many times by pharmacists outside the city that they watched reports of Bath's activities. He made a strong appeal for full support by all members during the ensuing year, which would almost certainly be that in which their future would be made or marred.

**Clash of Opinions at West Ham.**—Mr. W. Atkinson addressed a meeting of the West Ham Association of Pharmacists and Branch on November 8, his subject being "Post-war Problems in Pharmacy from the Younger Pharmacist's Viewpoint." The speaker advocated that the proposed Central Pharmacy Board should be elected by pharmacists practising under the scheme and not appointed by the Ministry; that patients should have free choice of obtaining medicine from pharmacist or health centre;

that all medicines, foods, etc., should be ordered by prescription or voucher available anywhere; that the health-centre dispensary alone should be expected to give a twenty-four-hour service; that remuneration should be at least double the present National Health Insurance terms, and that the health-centre dispensary should be entirely staffed by pharmacists. A modified examination was suggested for dispensers to enable them to dispense under a pharmacist's supervision. Branches were recommended to organise committees so that proprietors and employees had equal representation. Private chemists were advised to standardise the appearance of their pharmacies, adopt similar packs, etc., and use a common title, with their own nameless, prominent. The speaker appealed for the strengthening of the Chemists' Friends scheme, and advocated a campaign against trading in clinics. In the discussion which followed, Mr. W. C. King advocated a qualification for dispensers, but Messrs. W. Able and Clifford Jones were strongly against any move in this direction, holding that there was sufficient scope for unqualified assistants in pharmacy apart from dispensing. Mr. S. Robinson (secretary) could see no advantage in sinking individuality, and said that, if he was ever in retail business again, his facia would have his name in the largest possible letters. A resolution congratulating Mr. T. W. Forster of Barking (vice-president and immediate past-president of the Association) on qualifying as a medical practitioner was passed.

**Penicillin Discoverer at Belfast.**—Sir Alexander Fleming (discoverer of penicillin) addressed medical students in Belfast recently. Professor H. Barcroft, who introduced him, spoke of the relationship between Sir Alexander and the Belfast medical school. Some fifty years ago Sir Almroth Wright was at the School, and when, in later years, he became a pathologist in London, he made a great name for himself in the School of Pathology he started. Sir Alexander Fleming became one of the most distinguished members of that school. At St. Mary's Hospital Paddington, Sir Thomas Houston, Professor Thomson, Dr. Turkington and others had worked. Once, when Professor Thomson had a serious illness, he was nursed back to health by Lady Fleming and Sir Alexander in their Surrey home. Sir Alexander Fleming, in his address, gave the history of penicillin.

## LEGAL REPORTS

**Appeal Dismissed.**—At Liverpool, recently, the recorder dismissed an appeal by Hugh Jones, jeweller, Liverpool, against a fine of £1,200 imposed on September 28 for knowingly harbouring uncustomed goods, including twenty powder compacts and ten boxes of face powder.

**Damages Claim Fails.**—A claim against F. G. Webster, described as a chemist, Mayfield Road, Bramhall, was dismissed at Salford, on November 15. The action was brought as a result of a collision in the black-out between Webster and another man, who lost his balance and suffered injuries. The judge stated that he was satisfied Webster was not moving at a speed that was negligent.

**Doctor's Drug Offences.**—At Welwyn Sessions, on November 10, Dr. Joseph Anatole Tobin, Wembley Park, pleaded guilty to two summonses for selling Omnopon, and to four charges of being in possession of dangerous drugs without authority and three of procuring dangerous drugs without being duly authorised. He was bound over for twelve months with a condition that he should abstain from drugs, and was fined a total of £14 on the seven supplementary charges.

**Salary Claim.**—At Kingston county court, recently, Harold George Heathfield, M.P.S., Malden, claimed £33 12s., the equivalent of four weeks' salary, from Richard Denis Evans, trading as Evans, Son & Daughter, chemists, Kingston-on-Thames. It was stated that Heathfield had carried on his own business at Malden, but, owing to loss of customers through war conditions, accepted an appointment as manager of defendant's business. The salary was £8 8s. weekly, plus certain travelling expenses, and Mr. Heathfield had to give oversight to businesses at Hook and Thames Ditton. In April he was told by an accountant, acting for the defendant (who was at that time in the Army) that a new manager had been appointed. He, the plaintiff, was offered a cheque for a week's salary in lieu of notice; this was refused. In correspondence it was alleged that plaintiff had not kept the shop open at the hours agreed upon, and, unknown to defendant, he had ordered goods from wholesalers for his own shop at Malden and had them debited to defendant's account (this charge was emphatically denied), and it was claimed that a summary dismissal was justified. The hours during which the shop should have

been open were from 9 a.m. until 6 p.m., with an hour's closing at midday; but plaintiff gradually made the opening hour 10 to 10.15 a.m. and took two hours off for lunch. He had also allowed stocks to become depleted; and, although he stated that this was due to difficulty in obtaining goods, his successor had, within a short time, raised the stock value from £67 to £196. Judgment was given for plaintiff for the amount claimed, with costs.

**Purchase Tax Fine.**—At the Old Bailey, London, on November 20, Mrs. Violet Van der Elst, Addison Road, West Kensington, was fined a total of £2,000, and ordered to pay £500 costs, on five charges of making false purchase tax returns (see *C. & D.*, November 4, p. 472). Shavex Zee-Kol Co., Ltd., Bavaria Road, Upper Holloway, was fined £100 on each of the five counts, and Marion Davies (secretary) was bound over for two years. The Solicitor-General said that the company was a private limited one, Mrs. Van der Elst being the sole director; she held all but two of the 5,000 £1 shares. The company manufactured and sold shaving soaps and cosmetics, and during the material times the company was controlled by Mrs. Van der Elst, who drew a salary of £7,500 per annum, with expenses at £2,500. Three methods of deceit were alleged to have been used. In the first the return omitted purchase tax amounting to £10,000 on £30,000 worth of goods appropriated by the company to the orders of a business called Zee-Kol Almond Oil Shaving Soap Co., conducted by Mrs. Van der Elst at her private address. This was accounted for eventually by registered buyers; the second was that purchase tax was not included in certain returns of transactions with customers paid for by means of postal orders; and, in the third place, certain tax returns were not made at the correct rate. Goods were falsely represented to be shaving sticks (taxed at 33½ per cent.), whereas, in fact, they were a cosmetic cream (taxed at 66⅔ per cent. in 1942 and subsequently at 100 per cent.). The Solicitor-General said that Mrs. Van der Elst had given every possible help in the investigations and wanted to atone. She was attended in court by her doctor, and the judge, in passing sentence, said he would have sent her to prison had not eminent physicians declared that by doing so he would be in danger of sentencing her to death.

## IMPRISONMENT FOR "COMMON SWINDLE"

At the Old Bailey, London, on November 17, Daniel Jedwab, merchant, no fixed address, was sentenced to eighteen months' imprisonment. He had pleaded guilty to four charges of stealing £1,283 by means of a trick (see *C. & D.*, September 30, p. 342). One charge concerned an alleged theft of £1,000 from Stanley Doctors, Cricklewood Lane, London, N.W. (general manager, Harman Dietetic Laboratories, Ltd.). To seventeen further similar charges Jedwab pleaded not guilty. His plea was accepted by the prosecution, and no evidence was offered against him on these counts. Prosecution said Jedwab was the real proprietor of a firm called Holmes, Martin & Co., manufacturers of chemical products and floor polish. In May 1943 he inserted an advertisement in THE CHEMIST AND DRUGGIST offering to supply sweetened tablets against cash with order. After the advertisement had appeared things began to look up and look up very rapidly, and between May 1943 and the end of the year considerable sums of money went into the company's banking account. Of this, nearly £1,500 was transferred to Jedwab's private account.

### Tablets Not Received

It was obvious that the sweetened tablets were a lucrative line, but the trouble was that, of the people mentioned in the twenty-one charges against the accused, only two had ever received any tablets. When pressed to make delivery Jedwab made the excuse that the Admiralty had stepped in and requisitioned his stock. This, said counsel, was false. In September 1943 another advertisement was inserted in the *C. & D.* which read: "Messrs. Holmes, Martin & Co., Ltd., of Sicilian House, W.C.1, wish to apologise to all their numerous clients who are having to wait for dispatch of their goods, which are delayed through immense pressure of orders and difficulties in production. Any client who has already sent a remittance and wishes to have it returned may do so." Insertion of the second advertisement did not, however, deter Jedwab, because there were four further victims of the fraud. The case of Stanley Doctors was really the worst of all, because Doctors had advanced over £1,000 for tablets which he never received, and he had never had his money returned. There were no previous convictions against Jedwab. He came to this country from Palestine in 1939.

Deficiencies of the company, which had now been wound up, totalled between £8,000 and £10,000, and since 1939 the defendant had obtained loans from various people which had not been repaid. Defending counsel said it was only because of the goodness of his friends that Jedwab was legally represented at the trial. Today he was penniless. Counsel understood that about £7,000 had been repaid to customers but it was those who had not been repaid who quite naturally complained. Passing sentence, the Common Serjeant said the offences were serious. Jedwab had obtained large sums of money by what really amounted to a common swindle.

### COMING EVENTS

Sunday, November 26

MANCHESTER PHARMACEUTICAL ASSOCIATION  
Ramble to Romiley, Marple, Disley and Strines. Meet London Road Station, 9.20 a.m.  
Book Marple return.

Monday, November 27

GLASGOW UNIVERSITY ALCHEMISTS' CLUB and ANDERSONIAN CHEMICAL SOCIETY, Rové Technical College, Glasgow, at 4 p.m. Dr H. H. Hodgson on "Some Recent Studies in Diazo-chemistry."

Wednesday, November 29

WESTERN (LONDON) PHARMACISTS' ASSOCIATION AND BRANCH, 17 Bloomsbury Square, London, W.C.1, at 7.30 p.m. Mr. Norman Dewe on "Commercial Pharmacy."

BIRMINGHAM BRANCH, PHARMACEUTICAL SOCIETY, Grand Hotel, Birmingham, at 7 p.m. Messrs. H. H. Marshall (a member of the National Pharmaceutical Union executive), F. R. C. Bateson (Birmingham Central Technical College), and H. S. Grainge (Guild of Public Pharmacists) on "The Future Relation of Pharmacy to the National Health Service."

Thursday, November 30

PHOTOGRAPHIC DEALERS' ASSOCIATION, Hot Russell, London, W.C.1, at 11 a.m. Annual meeting.

ULSTER CHEMISTS' ASSOCIATION, The Carlton, Belfast, at 8.30 p.m. Informal supper-dance.

LEEDS BRANCH, PHARMACEUTICAL SOCIETY Metropole Hotel, Leeds, at 7.30 p.m. M. F. C. Happold, Ph.D. (reader in biochemistry, Leeds School of Medicine), on "The Significance of Microbiological Studies in the Investigation of the Vitamin B Complex."

Friday, December 1

NORTH METROPOLITAN BRANCH, PHARMACEUTICAL SOCIETY, Beale's Restaurant, Holloway Road, London, N.7, at 7.30 p.m. Report by conference delegates.

## TOPICAL REFLECTIONS

### Another B.P. Addendum

With every desire to welcome, and so far as in them lies to promote, the progress of the medical sciences, your readers may yet say to the General Medical Council, "Is your B.P. Addendum really necessary?" Its predecessor, reviewed in your issue of June 19, 1943, contained seventeen new monographs; the corresponding number in the forthcoming Addendum (*C. & D.*, November 16, p. 530) is twenty-seven; and, disregarding changes already made by means of "Gazette" notices, it will be seen that there is a considerable list of amendments to existing monographs. This piecemeal method of bringing into operation in war-time what is virtually a new Pharmacopœia is a serious innovation, and suggests the existence of divided counsels in medical circles. One can readily believe that some medical officers and their attendant public analysts are polishing their weapons in readiness for an attack when February 1 dawns, and we may as well be prepared for this eventuality. Detailed comment on the Addendum at so early a stage is hardly practicable; but a note on two of the ointments may serve as a preliminary warning. The formula of unguentum alcoholium lanæ is to contain, we read, a note stating that the proportions of hard, soft and liquid paraffins may be varied, and that the liquid paraffin may be replaced partly or entirely by light liquid paraffin, "in order to produce an ointment of wool alcohols having suitable properties." Suitable to whom? Suitable for what? Half a dozen medical practitioners in a district may each have a separate view on the composition of this galenical, and may write prescriptions accordingly. Again, the unguentum zinci oxidi anhydrosum of Addendum VI is to become the zinc ointment *simpliciter* of Addendum VII, and the existing unguentum zinci oxidi is to be renamed unguentum zinci oxidi aquosum. This is the kind of change that facilitates prosecutions.

### Pharmaceutical Society's Conference

As the president of the Pharmaceutical Society pointed out in opening the conference of branch representatives called to consider National Health Service proposals (p. 531), the business of the meeting was based on a memorandum prepared by a joint committee formed from three national bodies. Space permits of only a brief reference to this meeting. As reported, the

president made two different statements in dealing with the personnel of the proposed Central Pharmacy Boards. He said in the first instance that the pharmacist members (to form a majority) should be predominantly contractors under the scheme; but a few sentences farther on he qualified this claim by calling them "contractors or representatives of contractors." There is an important difference between the two descriptions, and it will presumably be borne in mind by our negotiators. The well-prepared papers by Mr. D. W. Hudson and Mr. T. O. Martin merit careful reading by everyone on panels of chemists. Mr. Hudson's suggestions reinforce my view that an extension of the existing practice of looking to one or two pharmacies in each area for unusual requirements is both desirable and practicable.

### Alchemy Under Elizabeth

The mention of sixteenth-century alchemy in this section a week ago must be supplemented by a reference to a survey of the subject in "Shakespeare's England" (1916, I, 462-74), mainly the work of Mr. Robert Steele. The scarcity of the first-hand documentary evidence on alchemy in England desired by students is accounted for by the fact that for a long period its practice as a trade or "mystery" in this country was illegal. "In Tudor times," Mr. Steele writes, "it flourished in the smaller Hanse towns . . . , at Brunswick, and at the Court of the Holy Roman Emperor." The natural effect of repression by English legislation was to drive the trade underground, thus opening the way to the wilful deception of the impressionable. The Elizabethan alchemist was "as a rule either a charlatan or a maker of base coin." As a type he was accordingly fair game for Ben Jonson in "The Alchemist," quotations from which are still familiar. The prohibition referred to did not extend to wealthy amateurs who made a hobby of the subject, nor to persons under the protection of Queen Elizabeth or other influential patrons. Ripley's treatise, "The Compound of Alchymy," originally presented to Edward IV, was printed in 1591, and was dedicated to the Queen. But by this time the palmy days of alchemy were over: the mental activity set in motion by the discovery of the New World and the rediscovery of the Old led to the putting of questions that could find no satisfactory answer in the jargon of alchemy.

Xrayser

## COMPANY NEWS

R. G. PARSONS, LTD. (P.C.).—Capital, £1,000. Wholesale or retail chemists, druggists, etc. Directors not named. R.O.: 3 Upper George Street, Luton.

ASPAX CHEMICAL MANUFACTURES, LTD. (P.C.).—Capital £1,000. Manufacturers of and dealers in chemicals, drugs, disinfectants, toilet requisites, etc. H. T. Soale is the first director. R.O.: Adelaide House, King William Street, London, E.C.4.

DE MARIGNY COSMETIQUES, LTD. (P.C.).—Capital £5,000. Manufacturers of and dealers in perfumes, cosmetics, etc. Mary A. Desvaux and Victor H. R. Desvaux, M.P.S., directors. R.O.: 1 Thorrods Road, Walham Green, London, S.W.6.

G. D. KIRKNESS, LTD. (P.C.).—Capital £1,300. To acquire the business of a chemist formerly carried on by the late George D. Kirkness, and now by his widow, at 8 Fore Street, Plympton, Devon. Ethel V. Kirkness; Douglas D. R. Street, M.P.S.; and Dorothy M. Knight, directors. R.O.: 8 Fore Street, Plympton.

F. W. HAMPSHIRE & CO., LTD.—Mr. William Lander is retiring from the position of director, which he has held since the formation of the company in 1927. After serving an apprenticeship with the late Mr. William Heath, Derby, Mr. Lander went to London in 1909 to gain experience, and later qualified as a chemist and druggist. He returned to Derby to become manager and partner to Mr. Heath, and later he became proprietor of the business.

**ORDER OF DISCHARGE.**—Robert Stevens Coates, M.P.S., 2 St. Catherines Road, Littlehampton. Order of discharge under Liabilities (War-time Adjustment) Act, 1941, granted September 26.

**Bankruptcy.**—RONALD LOUIS GEORGE BURNETT, M.P.S., lately carrying on business at 146 Penarth Road, Cardiff. Debtor appeared at Cardiff, recently, for his public examination. Statement of affairs showed ranking liabilities of £972, with a deficiency of £862. He stated he had acquired the business in April 1938, agreeing to pay the purchase price in instalments of £6 a month. The instalments were paid regularly up to May 1943, when there was a balance of £386 outstanding. The business, however, was not a success, and the outbreak of war and consequent restrictions made trading even more difficult. The examination was closed, subject to the signing of the notes.

## TRADE MARKS

(From "The Trade Marks Journal," November 1)

- "CUPRON"; for chemical preparations for anti-rot and anti-mildew treatment of textile and other cellulosic materials (1). By T. French & Sons, Ltd., Chester Road Mills, Manchester, 15. 630,149.
- "WOLMAN"; for wood preservatives (2). By Hickson & Welch, Ltd., Ings Lane, Castleford, Yorks. 622,932 (Associated).
- "ANGLIAN"; for surgical dressings for sale in Norfolk, Suffolk, Essex, Lincolnshire, Cambridgeshire and Northamptonshire (5). By C. R. Crosskill & Sons, The Calvert Works, Norwich. B625,945.
- "AIR-WICK"; for liquid deodorants for freshening the air (5). By Seeman Brothers, Inc., c/o H. D. Fitzpatrick & Co., 94 Hope Street, Glasgow, C.2. 629,454.
- "VINTIMAN"; for medicated tonic preparations (5). By Gale, Lister & Co., Ltd., Galista House, Corn Exchange, Leeds. B629,596.
- Devices of Mars and Venus combined (exclusive use disclaimed and condition of registration that device shall not be used in red or any similar colour); for pharmaceutical substances (5). By The Beaumont Laboratory, 22 Beaumont Street, London, W.1. 629,543.
- "BREXENA"; for pharmaceutical substances; and "BUR-O-TON"; for medicated wines (5). By M. Burnley, 27 Thornton Place, Sunderland. 629,897 and 630,015.
- "STRIX"; for all goods (5). By Moore Medicinal Products, Ltd., 7 Bon Accord Square, Aberdeen. 630,115.
- "MOONDROPS"; for pharmaceutical preparations (5). By Thornton & Ross, Ltd., The Chemical Works, off Manchester Road, Linthwaite, Huddersfield. 629,955.
- "PETULA"; for antiseptics, disinfectants, bandages, dressings, sanitary towels, etc. (5). By Mary I. Downing, 32 Hillside Avenue, Clarkesfield, Oldham, Lancs. 630,057.
- "PHILISTAT"; for x-ray apparatus, etc. (9). By Philips Lamps, Ltd., Century House, Shaftesbury Avenue, London, W.C.2. 628,459 (Associated).
- "AXLITE"; for lenses (9). By Dixon & Hempenstall, Grafton Street, Dublin. 630,411.
- "JECTA"; for surgical, medical and dental instruments and apparatus (10). By Medical and Industrial Equipment, Ltd., 12 New Cavendish Street, London, W.1. 629,904.
- "EDCOL"; for toilet paper (16). By H. B. Edwards & Co., Ltd., Palatine Chambers, 41 Hoghton Street, Southport. 630,279.
- "ALMOLURE" and "BONTES"; for flavourings for food (other than essential oils) (30). By The Scottish Flavour & Colour Co., Ltd., 27 to 29 Ratcliffe Terrace, Edinburgh. 629,762 (Associated), and B629,977.
- "OCEAN SPRAY"; for non-alcoholic drinks prepared from cranberry juice (32). By Cranberry Canners, Inc., c/o F. J. Cleveland & Co., 29 Southampton Buildings, Chancery Lane, London, W.C.2. 630,173 (Associated).

## TRADE NOTES

**Correct Address.**—The address of Johnson Agencies (Proprietaries), Ltd., is Clarendon Works, Clarendon Road, Croydon, and not as given in a trade note recently.

**Inquiries Invited.**—International Laboratories, Charlbury, Oxford, England, state that several territories are now vacant for supply of Parmint concentrated essences, and they invite inquiries.

**Exports to Turkey.**—Imextrade, Ltd., 50 Regent Street, London, W.1, invite communications from manufacturers in this country wishing to export specialities through an efficient organisation in Turkey.

**Price Correction.**—Southon Laboratories, Ltd., 88 Upper Richmond Road, London, W.15, inform us that the price given in recent advertisement for Esoban emulsion was incorrect. The correct figure is 6s. 8d.

**New Double Size.**—Dae Health Laboratories, Ltd., 29 Berners Street, London, W.1, state that in response to insistent demands from customers they have introduced a double-size jar of Valderma anti-ptic balm.

**Colloidal Magnesia.**—Hough, Hoseason & Co., Ltd., Pendleton, Manchester, have introduced a new preparation of colloidal magnesia under their Torpedo brand. The formula and terms are given in an announcement elsewhere in this issue.

**In Short Supply.**—The makers of Halagon (Tonicity Laboratories, Ltd., 16 Edgars Road, London, S.W.4) express regret that short supplies of raw materials or their speciality are causing delay in executing orders, and they ask the indulgence of clients.

**Formula Change.**—The British Drug Houses Ltd., London, N.1, announce that the amounts of vitamins B<sub>1</sub> and B<sub>2</sub> in radio-malt have been increased, and the proportion of arachis oil reduced to 7½ per cent. v/v, the volume being made up with additional extract of malt. Amounts of vitamins A and D are unaltered. The changes have necessitated revised prices, particulars of which are given in an announcement in this issue.

**Ladies' Hand Soap.**—Wylie's Cleansers, Ltd., 12 Dartmouth Street, London, S.W.1, are introducing, for distribution through chemists only, a new preparation which is intended especially for the use of persons with delicate hands. The product, which is called Wylie's ladies' hand soap, contains

neither grit, caustic, nor injurious ingredients, and is claimed to soften and beautify as well as cleaning the hands. No coupons or points are required by the purchaser.

**Aluminium Hydroxide Suspension.**—Evans Sons-Lescher & Webb, Ltd., Liverpool, have introduced, under the name Collumina, a suspension containing 5·6 per cent. aluminium hydroxide, suitably preserved and flavoured. The neutralising power of this preparation is such that 5 mils react with 100 mils N/10 hydrochloric acid at 37°C. A property claimed for Collumina is that it is capable of neutralising considerable quantities of hydrochloric acid without producing an alkaline condition in the stomach. It is available in bottles of 8 and 40 fl. oz.

### Business Changes

MR. ARTHUR TRENTHAM, M.P.S., has acquired the business of Alderman Ben Holden, M.P.S., 72 Victoria Street, Blackburn.

BRIGHTSIDE & CARBROOK CO-OPERATIVE CHEMISTS, LTD., has been formed to take over the local co-operative society's pharmacy department at 64 Middlewood Road, Sheffield. The superintendent chemist is Mr. Joseph Lillis, M.P.S.

### Proprietary Articles Trade Association

**Additions to Protected List.**—R. Demuth, Ltd., Bio-Kare medicated powder, 26s. 8d. doz., tax 4s. 6d. doz., inclusive retail price 3s. 9d. POMP (permanent odourless moth-proofer), 30s. doz. (exempt).

Enzyme Products, Ltd., Enzyvite stimulating digestive tonic, in packets, 18s. doz., tax 3s. doz., i.r.p. 2s. 6d. Enzyvite stimulating digestive tonic, jars, 25s. doz., tax 4s. 2d. doz., i.r.p. 3s. 4d. Enzygene, jars, 16s. 8d. doz., tax 2s. 10d. doz., i.r.p. 2s. 3d.; 25s. doz., tax 4s. 2d. doz., i.r.p. 3s. 6d. Effervescent Carlsbad salts, 25s. doz., tax 4s. 2d. doz., i.r.p. 3s. 5d.

**Alterations.**—Allied Laboratories, Ltd. (distributors, Enzyme Products, Ltd.), Cortesan ointment, 1½-oz., and powder, 4-oz., 16s. 6d. doz., tax 2s. 9d. doz., i.r.p. 2s. 3d.

The British Drug Houses, Ltd., increased prices, December 1: Radio-malt, 3s., 25s. 6d. doz.; 5s. 6d., 46s. doz. (exempt from tax).

Potter & Clarke, Ltd., Carter's vegetable cough-remover. Recently notified as a deletion, this item is now to be retained in Protected List.

Splendor, Ltd., Cro-Pax foot aids, No. 17, toe straighteners, 6½d., 4s. 6d. doz. (exempt).

## DEATHS

**COLLIER.**—At his home in Hagley Road, Edgbaston, Birmingham, recently, Mr. Frederick T. Collier. Mr. Collier qualified as a chemist and druggist in 1894 and was for forty-eight years, prior to his retirement in 1942, head pharmacist at the Children's Hospital, Birmingham. During his long service he endeared himself to a succession of medical staffs and impressed members of the committee with his economical methods of running the department. He was an enthusiastic philatelist, and his collection of stamps, collected over a long period, has been exhibited at the Birmingham Art Gallery.

**CRITCHLOW.**—On July 20, Mr. Henry Critchlow, M.P.S., 30 Reservoir Road, Edgbaston, Birmingham, 16. Mr. Critchlow qualified in 1882.

**GLEN.**—On November 14, Mr. Arthur Guthrie Glen, 122 Main Street, West Kilbride. Mr. Glen qualified in 1899.

**HOPLEY.**—At his home at 6 Northgate Street, Chester, on November 18, Mr. John Henry Hopley, M.P.S., chairman of Cheers & Hopley, Ltd., chemists, Chester, aged seventy-nine. Mr. Hopley was a leading Freemason and had held Grand Lodge and Provincial offices. He was a Past Master of the Cestrian Lodge, Chester, and St. Oswald's Lodge, Malpas. He is survived by a widow and one son.

**JACKS.**—On November 17, Mr. Frederick Jacks, J.P., Granville Terrace, Stone, aged seventy-seven. Mr. Jacks established himself as a pharmacist in Stone in 1889, retiring in 1930. He had taken an active part in the religious, social and public life of the town and district, serving eighteen years on the urban district council, of which he was chairman from 1908 to 1910. He was for nearly twenty years a magistrate for the county of Stafford, and was this year made chairman of the Bench, a position he recently resigned owing to failing health. He was one of the founders of the Stone Traders' Association, had served on the Staffordshire Insurance Committee, and was a prominent Freemason. He qualified as a chemist and druggist in 1889.

**LESTER.**—At a private nursing-home in Cork, on November 11, after a brief illness, Mr. Alfred Richard Lester, M.P.S.I. Mr. Lester was, until October of this year, a member of the Council of the Pharmaceutical Society of Ireland and one of the

most prominent men in pharmacy in the South of Ireland. He had been in business for over half a century in the pharmacy at 107 Patrick Street, Cork, which only a few years ago he had had modernised. Mr. Lester took a deep interest in everything affecting the welfare of his profession. He was one of the most active members of the Cork Chemists' Association, and did everything possible to ensure that the courses available to young chemists and apprentices at the Cork Technical Institute should be up to the highest standard. He was one of the most valued members of the Irish Drug Association in his native city and a founder member of the Cork Rotary Club. He was a prominent supporter of the Cork Children Fresh Air Fund and other deserving cause. He is survived by his widow. The interment took place on November 13 after a service at St. Luke's Church, Cork.

**RECKITT.**—At his home, Little Green Compton, Chichester, Sussex, on November 17, Sir Philip Bealby Reckitt, a director and former chairman of Reckitt & Son Ltd., and J. & J. Colman, Ltd.

**REES.**—On February 17, Mr. William Rees, M.P.S., 8 Newfoundland Street, St Paul's, Bristol. Mr. Rees qualified in 1882.

**SARSON.**—On November 9, following an operation, Mrs. Ruby Constance Sarson, wife of Mr. J. R. Sarson, M.P.S., 5 Palace Avenue, Paignton, aged forty-five. Mr. Sarson was a director of Sarson & Sons Ltd., Paignton.

**SARSON.**—On November 5, Mr. Arthur John Sarson, 33 High Road, Willesden Green, London N.W., aged seventy-two. Mr. Sarson qualified as a chemist and druggist in 1893.

**THOMPSON.**—In action, recently, Flying Officer John Bernard Thompson, younger son of Alderman Edwin Thompson, governing director of Thompson & Cappa (Wholesale), Ltd., and Manesty Machine Ltd., Liverpool, aged twenty-one.

**TOWERS.**—At Inchcape, Herne Bay, on November 14, Mrs. Alice Towers, the wife of Mr. W. L. Towers, M.P.S., 10 Railway Street, Chatham, aged seventy-nine.

**WATTS.**—In action with the Royal Air Force in April, Flying-Officer Alfred John Spencer Watts, R.A.F., M.P.S., 71 Sevenoaks Road, Weston-super-Mare, aged twenty-eight.

## PERSONALITIES

DR. M. T. MORGAN, medical officer of health for the Port of London, has been seconded to work with UNRRA.

ALDERMAN D. J. BAILEY, J.P., M.P.S., has been re-elected chairman of the Blackpool Insurance Committee.

MR. GEOFFREY GOODMAN HESELTON (Wigglesworth, Ltd.) was on November 10 initiated into Isma Lodge of Freemasons (No. 5009).

Mr. W. O'Sullivan, Ph.C., Logan Street, Monastown, Kilkenny, has been presented by members of the local golf club with a cheque to mark the occasion of his marriage.

MR. WILLIAM LOW, M.P.S., 1 Derwent Street, Blackhill, co. Durham (secretary, Durham County Pharmaceutical Committee), has been appointed a member of the Consett urban district council.

LIEUTENANT-COLONEL A. D. STEWART (superintendent, Edinburgh Royal Infirmary) gave an address entitled "On Noticing Things, With Special Reference to Penicillin," at Edinburgh, on November 3.

MR. RALPH MERCER, M.P.S., and Mrs. Mercer, 162 Tarvin Road, Chester, celebrated their golden wedding on November 6. Both reach the age of seventy-five next month. After thirty-two years in business at Haydock, Lancs, Mr. Mercer retired to Chester eighteen years ago. Since the outbreak of war he has been assisting Houghton & Appin, chemists, Christleton Road, Chester.

## PARLIAMENTARY NEWS

**Prices of Imported Herbs.**—Mr. Mabane (Ministry of Food) stated on November 16 that the following prices were being paid for imported sage, thyme and marjoram: sage (Cyprus), £52 per ton; thyme (Spain), £8 per ton; marjoram (Kenya), £100 per ton. The prices were f.o.b. in each case.

**Honey Prices.**—Asked on November 8 whether, in view of the partial failure of the year's honey crop, he would consider removing the controlled price, the Minister of Food (Colonel Llewellyn) said the present maximum prices took full account of seasonal variations in yield; he was satisfied that they were fair to producers.

**Ministry of National Insurance.**—A Ministry of National Insurance Bill, the effect of which is merely to establish suitable

administrative machinery, has received Royal Assent and the following appointments have been made: Minister of National Insurance, Sir William Jowitt, K.C., M.P.; Permanent Secretary, Sir Thomas Phillips, K.C.B., K.B.E.; Deputy Secretary, Sir Thomas Sheepshanks, K.B.E., C.B.

**Teats at Rest Centres.**—Sir Ian Fraser asked the Minister of Health on November 15 if he was aware that in a certain town there were 54 doz. teats and 18 doz. valves for babies' bottles held at a rest centre, while none were to be bought in chemists' or other shops; and, in view of the lessening risk of such a large number of babies having to be provided for in this rest centre, would he release the goods mentioned for ordinary public sale; and, if these conditions applied in the country generally, consider the matter nationally. Mr. Willink: I have already given instructions that all but a limited stock of the small quantity of rubber teats for babies' bottles kept in rest centres shall be released and made available for distribution.

## WILLS

MR. WILLIAM JOHN BONSOR, 1 St. Stephens Road, Leicester, a director of Bonsor (Chemists), Ltd., left £1,918, with net personality £969.

MR. PERCY BERNARD PHILLIPS, Ph.C., 4 Combemartin Road, Southfields, London, S.W., a director of P. B. Phillips (Chemists), Ltd., left £125.

MR. WALTER BINGHAM WHITESIDE (Dunlop Rubber Co., Ltd.), Carmichael House, Pedder Road, Bombay, left estate in Great Britain valued at £2,036.

MR. JOSEPH HAROLD RIPPIN, 42 Lyndhurst Gardens, Barking, Essex, drug buyer for The British Drug Houses, Ltd., left £3,590, with net personality £1,576.

MR. THOMAS COLEMAN, M.P.S., 30 Collamore Avenue, Wandsworth, London, S.W., formerly of 81 Nightingale Lane, S.W.12, left £8,001, with net personality £7,551.

MR. HECTOR TORRIE, 31 Melville Street, Pollokshields, Glasgow (formerly secretary, British Chemical Co., Ltd.), left personal estate in Great Britain valued at £2,870.

MR. FRANK DUDLEY DOCKER, C.B., Coleshill House, Amersham, Bucks, formerly of Kenilworth and London, one of the founders and first president of the Federation of British Industries, left £887,792, with net personality £861,533.

## PACKAGING FOR THE TROPICS

**C**ONCERN has been expressed by military authorities in the tropics that much service equipment produced for the European theatre of war is unusable when it reaches the Far East. To draw attention to the problems involved, an Anglo-American Services exhibition of tropical preservation and packaging, sponsored by the Anglo-American Packaging Committee of the Ministry of Production, is being held at the Central Ordnance Depôt, Feltham, Middlesex. In the Far East, difficulties of terrain are associated with severe climatic conditions. Humidity is high—in some areas 80 to 90 per cent. is not uncommon. Temperatures range from extreme cold to extreme heat: in the sun  $165^{\circ}$ , in the shade  $98^{\circ}$ , possibly, with a sharp fall at sunset. Rainfall may be measurable in feet or even yards—in certain mountainous areas the average annual rainfall exceeds 300 inches. The torrential rains relentlessly penetrate into packages and cause damage that prevents the equipment ever being used. High in the list of priority items landed in support of invading forces stand medical and health requisites.

### Medical Exhibits

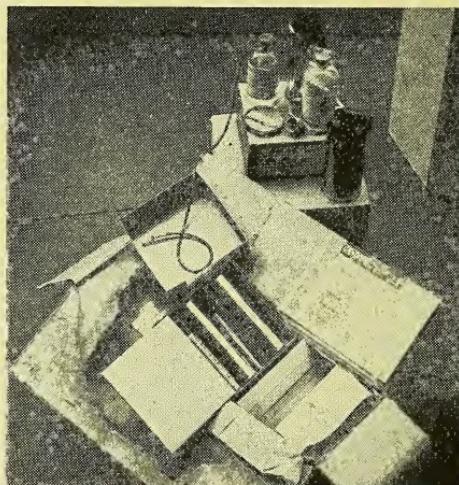
Medical items present packaging problems unknown in other types of supplies. The majority cannot themselves be preserved to resist damp, vapour, heat, etc., and new types of packages have had to be developed to guarantee arrival in good condition. In particular, the problem has weighed heavily upon authorities responsible for shipment of stores to Far Eastern theatres of war, and packages for medical and surgical supplies constitute an important section of the exhibition. Owing to the impossibility of applying preservatives to

the products themselves, packs have had to be devised which seal off the content from all penetration of water-vapour.

### Penicillin

Penicillin alone presented a problem which took months to solve. The product is one of the most unstable ever put into a package. To be stabilised at all it must be dehydrated nearly 100 per cent., and may lose its value rapidly if air or moisture leaks into the container. It also deteriorates if exposed to high temperatures, or even to room temperature for a long period.

Yet penicillin is now being shipped to a parts of the world and administered within 15 per cent. of its specified potency. Clinical experiments indicate that the dehydrate sodium salt of penicillin is the most desirable derivative though work continues on calcium and other salts. The method shown at the exhibition consists of packing 10,000 Oxford units of penicillin in a bottle large enough to take the amount of distilled



Blood-plasma pack designed for use in an emergency—if necessary on the battlefield itself. During transit the containers completely seal the two bottles, one in a nitrogen atmosphere and the other in a vacuum. The rubber tube, glass tube, needles, and auxiliary caps needed for the transfusion are also sent out enclosed in the tin containers. In use, the tins can be suspended on any suitable support. They are packed in cartons, which in turn are packed for transport in a larger outer V-board box (which is of considerable strength and moisture-resisting). The box is lined with a bituminised, water-resistant bag.

water necessary to produce the required concentrated solution. The top of the bottle is fitted with a rubber diaphragm through which it is possible to insert hypodermic needles for injecting distilled water and withdrawing the penicillin solution. The rubber diaphragm is protected during shipment by an aluminium disc, and this in turn is protected by two further aluminium caps. The bottles are packed in a divided carton inside a corrugated box, number of which are enclosed in a larger corrugated box, contained in a waterproof-batting in the nailed wooden box for shipment.

While not presenting the difficulties of penicillin, blood plasma, to be of any value at all in forward areas, must be packed s

## PHARMACEUTICAL SOCIETY OF IRELAND

THE monthly meeting of the Council of the Pharmaceutical Society of Ireland was held in Dublin on November 14, Mr. C. J. Remen (president) in the chair. Other council members present were Messrs. P. C. Cahill, W. C. Cunningham; G. C. O'Neill, H. P. Corrigan, P. Brooke-Kelly, L. Power, J. P. Kissane, P. Fullam, P. A. Brady, F. X. Meagher, J. A. O'Rourke, L. Costelloe, T. C. Scott, and J. Gleeson, Sir T. Robinson, and Mr. T. B. O'Sullivan.

Before the business was proceeded with THE PRESIDENT paid tribute to the late Mr. Alfred Richard Lester, whose kindly disposition, he said, had endeared him to them all. He offered members' sympathy to the relatives and to Cork city chemists, and formally moved "That the Council of the Pharmaceutical Society of Ireland expresses its deepest sympathy with the relatives of a former colleague, the late Mr. A. R. Lester M.P.S.I." MR. CAHILL seconded, and the motion was passed in silence, all members standing.

### Correspondence

Mrs. K. O'Brien, Rathmines (formerly Miss K. Fogarty, lecturer in pharmacy) wrote acknowledging the Council's wedding gift to her. The Very Rev. E. H. Lewis-Crosby (Dean of Christ Church Cathedral, Dublin) wrote inviting the Council to send representatives to the Citizenship Sunday service to be held at the Cathedral on November 19; THE PRESIDENT said that any members of the Council who wished to attend the service should notify the Registrar. Mr. M. Hayes, M.P.S.I., Killaloe, wrote:

I have received the president's proposals concerning the number of apprentices entering pharmacy, and I am glad to know that something is being done concerning this problem. In connexion with it I beg to make a suggestion, or to give my point of view. I suggest that every intending apprentice to pharmacy, before his Preliminary registration, should be given a leaflet issued by the Pharmaceutical Society in which would be explained to him the considered costs of apprenticeship, board residence, and lectures while in Dublin studying for his Licence examination, with the probable expenses of opening a shop on his own; also the average salary obtained while in employment. It should be made obligatory on the candidate to read such a leaflet before his Preliminary registration. I believe myself that, if the above notice were put before candidates and their parents prior to apprenticeship, many a person would turn from pharmacy to a career more suitable to their financial re-

sources. I would be thankful should you consider it proper to put this suggestion to the notice of the Council for adoption, or for adoption in any modified form.

The registrar (Mr. J. J. Kerr) was directed to write expressing the Council's appreciation of the views put forward by Mr. Hayes.

### Registration and Membership Changes

The following changes of address were notified:—

Mr. P. C. Cahill, M.C.P.S.I., to 25 Wasdale Park, Terenure, Dublin; Miss C. A. Burke, M.P.S.I., to 54 Old Cabra Road, Dublin; Mr. M. Dunne, M.P.S.I., to 13 Harcourt Street, Dublin; Mr. F. Hennelly, M.P.S.I., to 26 Trimgate Street, Navan; Miss M. M. Hunter, M.P.S.I., to Windy Arbour, Dundrum, co. Dublin; Mr. D. J. Kennelly, M.P.S.I., to 28 Castle Street, Dalkey, co. Dublin; Miss B. F. Martin, M.P.S.I., to Athboy, co. Meath; Mrs. K. O'Brien, M.P.S.I. (née Fogarty), to 17 Ormond Road, Rathmines, Dublin; Mr. E. J. Browne, L.P.S.I., to Thornton House, Finsbury Square, London, E.C.2; Mr. J. A. Cotter, L.P.S.I., to 41 Vernon Avenue, Clontarf, Dublin; Mr. J. F. Hogan, L.P.S.I., to c/o Mottershead & Co., 7 Exchange Street, Manchester, England; Mr. T. A. Hoolahan, L.P.S.I., to Limerick Street, Roscrea, co. Tipperary; Mr. M. Kennedy, L.P.S.I., to O'Connell Street, Sligo; Mr. H. McEver, L.P.S.I., to Hely's Medical Hall, Cappoquin, co. Waterford; and Mr. T. P. Walsh, L.P.S.I., to Ferbane, Offaly.

The following who submitted marriage certificates were granted change of name in the Register:—

Mrs. J. F. O'Brien, M.P.S.I. (née Fogarty); Mrs. McGuirk, M.P.S.I. (formerly Maher); Mrs. H. P. Corrigan, L.P.S.I. (née Lynam); Mrs. McEvoy, L.P.S.I. (née McConn); Mrs. Smyth, M.P.S.I. (née Morris); Mrs. Byrne, M.P.S.I. (née Kieran); Mrs. Jacks, Assistant (née Jackson).

An application by Mr. John O'Shea, L.A.H., for registration as a Pharmaceutical Chemist was granted. The following who submitted Matriculation certificates were granted Preliminary registration:—

Misses M. Arnold, E. Barry, M. P. Cheasty, T. M. Coghlan, M. Cuckham, M. M. Fallon, M. G. Flanagan, B. I. Hogan, A. Keating, A. M. Kelly, J. C. Leahy, K. B. Leamy, M. Lifsey, M. P. Mahon, K. M. Maguire, K. T. I. Martin, B. I. Moriarty, K. L. Murphy, U. K. A. MacManus, M. McManus, M. Nolan, U. M. Nugent, U. C. O'Connor, E. M. Raferty, E. M. Booth, J. K. Brady, C. M. Cleary, N. N. Curtin, M. M. MacEntee, E. M. O'Farrell; Messrs. M. J. Carr, T. J. Cosgrove, J. J. Donnelly, E. E. Flaherty, S. C. Harrington, W. Hayes, E. Maher, J. M. Mulligan, C. D. J. Murphy, T. J. Nyhan, T. G. Reilly, G. Roberts, J. Scannell, J. R. Sleator, and J. A. Harnett.

Messrs. T. C. Cassidy, L. P. Pelly, and J. J. Tierney, were elected members of the Society.

The following were nominated for membership of the Society:—

Mr. R. D. Clarke, 106 Patrick Street, Cork; Dr. E. J. J. Flynn, 177 Parnell Street, Dublin; Misses M. B. Lyons, 38b South Richmond Street, Dublin; B. F. Martin, Medical Hall, Athboy, co. Meath; and P. O'Donovan, 12 Waterloo Road, Dublin; Messrs. F. P. Ryan, Medical Hall, Mountrath, Leix; F. E. Smith, 6 Belvidere Road, Dublin; and T. P. Walsh, The Pharmacy, Ferbane, Offaly; Mrs. H. P. Corrigan, 80 Malahide Road, Dublin.

The Licence certificates of the following were signed and sealed: Sheila Barry, Patrick Joseph Curran, Ethna Maria Monica Geraghty, and Anna Christina Pilkington.

#### Committee's and Examiners' Reports

The reports of the House, Schools, Law, and Certificates Committees were submitted and approved. The report of the House Committee recommended a grant of £5 5s. to the Chemists' G. A. A. football club; this was passed. The reports from the examiners to the Licence, Assistants', and Registered Druggist examinations were submitted; they showed that of twenty-four candidates who presented themselves for the Licence examination one passed with honours and nine passed. For the Assistants' examination thirty-nine entered, three withdrew and fourteen passed. Two candidates who entered for the Registered Druggist examination were unsuccessful.

The Registrar reported on the deaths of Messrs. Charles Hoban, Assistant, and A. R. Lester, M.P.S.I.

The Council, in committee, discussed at length ways and means of compiling data bearing on the reorganisation of the health services in the country in relation to pharmacy, and decided to communicate with the Minister for Local Government and Public Health on the matter.

The following examiners were unanimously re-elected for the year ending November 1, 1945: Dr. John Keane (chemistry); Messrs. T. J. Burke, M.P.S.I. and M. J. Mulreany, M.P.S.I. (pharmacy); and Dr. M. J. O'Callaghan, M.P.S.I. (Registered Druggist examination).

#### Presentations

The president then presented two artistic pictures on behalf of the Council to Mr. Gleeson and Mr. Corrigan on the occasion of their recent marriages. MESSRS. GLEESON

and CORRIGAN replied, expressing thanks and appreciation.

#### Revision of Students' Courses

MR. J. O'ROURKE brought before the Council the question of having the courses for students brought up to date so as to have them informed of modern developments in regard to penicillin, the sulphonamides and vitamins. THE PRESIDENT said the Council would have to come to a decision on how often the syllabus should be revised, and whether the period was to be every two or three years. They could not be changing from month to month. He had discussed with one of the professors the inclusion of sulphonamide and had been told that these drugs could not be included without taking out something else. MR. O'ROURKE said that instruction in vitamins was a matter of urgency and should not be dropped. It was disgraceful to have qualified men who could not discuss vitamin products intelligently with the public. THE PRESIDENT thought that they should move slowly with regard to vitamins. There was a definite reaction against "overplaying" vitamins which the public had been made conscious by commercial interests. THE REGISTRAR said that the chemistry of vitamins was still very indefinite, and MR. SCOTT found it difficult to get any standard authority on vitamins.

#### Representation on B.P. Commission

MR. O'NEILL thought something must be accepted about vitamins, which were important; he agreed that there was a lot redundant in their curriculum that might be dropped. MR. KISSANE referred to the progress made in biochemistry, and suggested post-graduate courses in this subject. The qualified men could pass on their knowledge to their Assistants. Changing the syllabus would be a big problem.

MR. O'ROURKE said he understood the professor of botany and materia medica would have little difficulty in elaborating the course, and penicillin came into his department. MR. CAHILL expressed agreement with Mr. O'Rourke's point of view. The Society's examinations, he said, had not been altered for thirty years, and were very much out-of-date. MR. MEAGHER pointed out that all these things were governed by the Pharmacopoeia and the various Addenda, and commented that it was a great loss that they were not in touch with their representative on the British Pharmacopoeia Commission. He

did not agree for a moment that they had anyone competent to lecture on penicillin. Not a dozen people in Dublin knew anything about it. It was regrettable that they had not a Council member on the B.P. Commission to keep them in touch with developments for the next Pharmacopoeia: the present representative was not a member of Council. MR. CAHILL mentioned that penicillin was not yet part of the curriculum

even in the medical schools in Dublin. After further discussion it was agreed, on the president's suggestion, to bring the matters raised by Mr. O'Rourke before the education subcommittee. This, he said, would meet before the next Council meeting.

At a meeting of the Benevolent Fund Committee, held following the Council meeting, certain grants were passed for payment.

## EIRE STUDENTS DISCUSS RECIPROCITY

THE question of reciprocity under which the qualification of the Pharmaceutical Society of Ireland would be recognised in Great Britain, Northern Ireland, Australia, New Zealand, Canada, South Africa, the United States, and on the Continent, was discussed at length at the first annual meeting of the Pharmaceutical Students' Representative Body, held recently in Dublin. By a large majority the meeting directed that the incoming Students' Council should bring this important matter before the Council of the Pharmaceutical Society of Ireland at the earliest date possible.

### Treasurer's Report and Chairman's Address

MR. SEAMUS FOX (treasurer) reported a credit balance of £4 14s.; his report was adopted. MR. J. J. TIERNEY (outgoing president) said that, since formation of the students' body in February 1944, a register had been compiled of all persons who had entered pharmacy since 1941. The Pharmaceutical Council had been approached on a number of matters (previously noted in the Press), but items still under consideration were the use of analytical tables in the practical chemistry examinations; division of the pharmacy class into two for the term-end examination in practical pharmacy (to ensure that students were not handicapped through lack of accommodation); and publication of a report by the examiners after each Licence examination. In the following matters he regretted to report no progress: Deletion of assays from the curriculum until a suitable course of instruction could be instituted; an instruction course in the British Pharmacopoeia (the Council maintained that this was the duty of the employer); and alternative questions in the pharmacy and chemistry papers, marks allotted to be stated on the paper. Students should have no hesitancy in making suggestions or bringing forward grievances. "It is my opinion" said Mr. Tierney, "that if employers fulfilled their

moral obligations to their apprentices they would not find it so easy to take in two, three, or even four apprentices at the same time." Students must do their part in helping to solve the problem; one thing was to do all in their power to discourage young people from entering pharmacy, and he would suggest to the Pharmaceutical Council that the question of having the qualifications recognised abroad should be taken up immediately. A number of letters had been received from apprentices complaining of their hours of work and the type of work they were called upon to do. Since apprentices were protégés of the Pharmaceutical Council, that body should look into the matter and take any steps possible. He hoped that in the near future the Preliminary examination would be the sole means of entering pharmacy. The big task ahead of the Students' Council was the alteration of the Licence examination so that both examination and lectures would be of some practical value in post-graduate years. The day of pure pharmacy was gone, and it was the duty of the Society to move with the times. At least 30 per cent. of the curriculum could be replaced by more advantageous and more interesting matter, without in any way lowering the standard of the examination.

### New Council and Officers

Mr. Tierney's address was unanimously adopted, and tributes were paid to him for work done during his term of office. There were eighteen candidates for the nine places on the new Council; the following were elected: Messrs. Charles Ward, Kevin Deery, Seamus Fox, Richard Cronin, John Tobin, E. Hayes, and Pennington; the Misses Una Gleeson and Joan O'Connor. At the first meeting of the new Council, held subsequently, the following officers were elected: President, Mr. C. Ward; Vice-President, Mr. J. Tobin; Record Secretary and Treasurer, Richard Cronin; Correspondence Secretary, Mr. K. Deery.

## IRISH DRUG ASSOCIATION

MR. LYALL G. SMITH (president of the Association) was in the chair at a meeting of the committee of the Irish Drug Association held recently, when it was reported that, at the request of the Department of Supplies, representatives of the Association had interviewed officials of the prices section and been informed that isolated, but fairly numerous, complaints had been received by the Department concerning drug prices, particularly the prices of castor oil, liquid paraffin, glycerin, cod liver oil and cream of tartar. Each item had been fully and freely discussed, and the Department's officials had expressed themselves as reasonably satisfied with the explanations put forward. A discussion on the general trend of prices, and the Association's method of fixing them, had then taken place. The officials, while not committing themselves, seemed to regard the position as satisfactory on the whole. The committee therefore urged members to adhere strictly to the current list price.

### Terms of an Agreement

A written agreement had been arrived at with C. J. Taylors Embex, Ltd., providing that the retail sale of Embex tablets and Embexoline would be confined to pharmaceutical chemists and registered druggists. All co-operation possible, by direct circulars to members, verbal propaganda at meetings, and similar means would be carried out by the committee to further the sales of Embex and Embexoline in Eire, and the company would make available all the display material, showcards, etc., that present conditions permitted. Sales of lines of a competitive nature not confined to pharmaceutical chemists and registered druggists would be discouraged, and members would be instructed not to make window or counter displays, or give personal recommendations of such preparations. Any member infringing the arrangement would lose the co-operation bonus, subject to the Committee's authorisation or sanction, and in support of the committee's efforts a sum of not less than £4,000 would be expended on advertising in Eire in the first year by the company, which also agreed to pay the sum of £500 to the Irish Drug Association for any breach of the agreement on their part. The Association undertook to waive any claim in the event of the sales of Embex not reaching an average of £2 10s. per chemist per annum in Eire.

The following members of the committee were appointed to meet representatives of the Irish Union of Distributive Workers and Clerks to discuss conditions relating to the 1936 Agreement (longer annual leave, Union membership and early closing in the Dublin district): Messrs. Lyall G. Smith (president), G. C. O'Neill (vice-president), A. J. Donnell, T. R. Bourke, J. J. Roche and F. X. Meagher.

## ANNUAL MEETING OF IRISH PHARMACEUTICALS, LTD.

MOVING the report and statement of accounts at the twelfth annual meeting of the company in Dublin on November 8, Mr. S. McCauley (managing director) gave the net profit as £2,146, against £3,390 for the previous year. He pointed out that separation of Dawn preparations took place in January 1943; six months' Dawn sales were therefore included in the financial year ended June 30, 1943, but none for the year under review. The financial year for Dawn, Ltd., ended on December 31, and for the first financial year (ended December 31, 1943) net profit amounted to £2,734. Accordingly the profit position was actually better than for the previous year. The financial year of Island Dawn Laboratories, Ltd., corresponded with that of Irish Pharmaceuticals, Ltd., and for the year ended June 30, 1944, net profits amounted to £1,074. Advertising expenditure for the year, in which Dawn was not included, amounted to £2,000. Cost of raw materials was out of all proportion to pre-war years, but the increased costs had not been passed on to the consumer. Hence there was a substantial decrease in percentage profit, and the increase in net profit was due to the fact that overhead expenses did not increase in proportion to increased turnover. In the post-war period they would no doubt have to meet intensified competition from established products of world-wide manufacture, and greatly increased advertising expenditure would therefore be necessary. A motion that the report and statement of accounts be adopted was passed unanimously, and a dividend at the rate of 6 per cent. was declared. Mr. P. C. Cahill (director retiring by rotation) was re-elected. A dinner which followed the annual meeting was attended by a strong contingent of members of the Council of the Pharmaceutical Society of Ireland. A musical programme followed.

hat it can be used with a minimum of reparatory work on or near the battlefield.

#### Packing Plasma

Each unit of blood plasma is therefore packed in two bottles, one containing distilled water and the other the blood plasma. Each bottle is sealed in a tin, together with the rubber tube, glass tube, needles, bottle hanger, and auxiliary caps needed for the transfusion operation. One has a nitrogen atmosphere, and the other encloses a vacuum. The units are cartoned separately, and several cartons are packed inside a waterproof-bag-lined wooden shipping box. The serum, which must be maintained at a very low temperature, is normally shipped and transported—whether by land, sea or air—in a refrigerated container. For use where refrigerated transportation is not available, as in forward areas, an emergency refrigeration serum box has been developed. The box uses dry ice and a sufficient thickness of bitumen-treated crêpe cellulose wadding to maintain the serum at a temperature of  $-10^{\circ}$  F. for nine days.

#### Heat-sealed Tablets

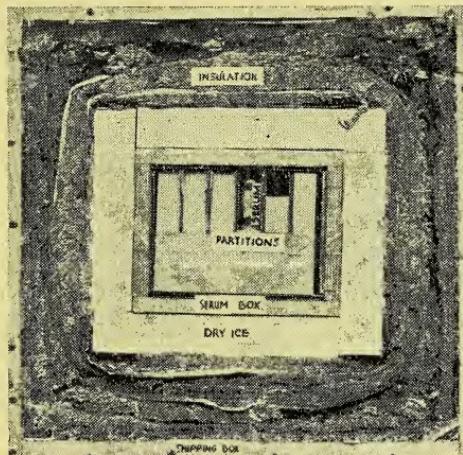
Other medical exhibits include packs used for tablets. For example, tablets for motion-sickness prevention are laid along a strip of metal foil paper, another strip placed over them, and the two heat-sealed along the edges and between each tablet to create a separate compartment for each. They can thus be individually dispensed without breaking down the remainder of the protective coating. The heat-sealing of the metal-foil strip is achieved by spraying the surface with polyvinyl butyral. Each strip of six tablets is placed in a small waxed carton, which is packed, with other similar packs, in a larger carton, and shipped in a waterproof-bag-lined wooden box. A slightly different pack is used for sul-

phadiazine tablets, which are inserted in a punched strip of thick fibre board. This is sealed inside a metal-foil envelope, and the pack is designed for a dose which consists of the entire contents of the package.

Plaster of paris bandage, which, of course, is susceptible to water damage, is sealed inside a laminated metal foil package. The packages are cartoned and shipped inside waterproof-bag-lined wooden boxes.

#### Surgical Instruments

Surgical instruments come into a different category. It is possible to preserve many of them with coatings of corrosion preventives. The first stage is a thorough degreasing, to remove manufacturing and atmospheric residues, followed by a dip which entirely removes all traces of acids left by finger prints, and then a dip into a light-oil type preservative. Contact surfaces and moving parts of the instruments are press-fitted with aluminium foil, and the entire instrument is then press-fitted between sheets



Cross-section showing method of packaging serum for any theatre of war when refrigerated transport is not available. The serum is packed in small cartons, partitioned off from each other, padded, surrounded by dry ice (60 lb.), and sufficient bitumen-treated crêpe cellulose to maintain the serum at a temperature of minus  $10^{\circ}$  F. for nine days.

of aluminium foil and sealed in a laminated regenerated cellulose bag. The bags are enveloped, cartoned, and shipped in a waterproof-lined wooden box.

A technical section of the exhibition provides detailed information about the methods and materials used in preservation, packaging and identification. Visits, though by invitation only, can be arranged speedily and without formality by either writing the Commandant, Central Ordnance Depôt, Feltham, Middlesex, or telephoning the office of the Commandant (Feltham 2821, extension 13). All persons concerned with packaging are welcomed.

**"Cat's-eye" Drug.**—“German pilots, it is claimed, are now using a drug which enables them to see enemy planes 3,000 feet away on a dark night. After a shot of the drug, pilots say their eyes capture the ultra-red rays directly.”—“Sunday Pictorial.”

## **N.J.C. EMPLOYMENT AGREEMENT**

THE National Industrial Council for Retail Pharmacy has issued the following agreement relating to minimum rates of wages and conditions of employment of pharmacists, assistants who have completed articles of pupilage but have not qualified, shop assistants, male and female, and other male workers :-

*Non-prejudice Clause.*—The rates of wages and conditions of employment set out herein are minima and do not prevent the payment of higher rates of wages or the operation of better conditions of employment. Nothing

herein shall be taken to prejudice any higher rates or better conditions in existence when this agreement becomes operative. Nothing herein shall prejudice any existing agreement except where this agreement is accepted *in toto*.

**Definitions.**—London means the City of London and Metropolitan Police District, Provincial A means places (other than any place in London as defined above) which, according to the Registrar-General's latest (1938) statistical review, had a population of 10,000 or more inhabitants, or which, by reason of population, proximity and relation to any neighbouring larger town or special

#### **MINIMUM WEEKLY RATES OF WAGES**

QUALIFIED MANAGERS	London	A Provincial	B
Controlling a staff of three or more full-time employees	£6 10s.	£6 7s.	£6 5s.
Controlling a staff of less than three full-time employees	£6 5s.	£6 2s.	£6 0s.
QUALIFIED MANAGERESSES			
Controlling a staff of three or more full-time employees	£6 os.	£5 17s.	£5 15s.

#### Quantum Approach

QUALIFIED ASSISTANTS						
	<i>Males</i>			First year	Second year	Third year
London . . . . .	105/-	110/-	115/-			
Provincial A . . . . .	102/-	107/-	112/-			
Provincial B . . . . .	100/-	105/-	110/-			
	<i>Females</i>			First year	Second year	Third year
London . . . . .	95/-	100/-	105/-			
Provincial A . . . . .	92/-	97/-	102/-			
Provincial B . . . . .	90/-	95/-	100/-			

UNQUALIFIED ASSISTANTS who have completed articles of pupilage.

Age	..	..	..	..	..	20	21	22	23	24
<i>Males</i>										
London	..	..	..	..	..	55/-	65/-	70/-	75/-	83/-
Provincial A	..	..	..	..	..	52/-	62/-	67/-	72/-	80/-
Provincial B	..	..	..	..	..	50/-	60/-	65/-	70/-	78/-
<i>Females</i>										
London	..	..	..	..	..	50/-	55/-	60/-	65/-	70/-
Provincial A	..	..	..	..	..	47/-	52/-	57/-	62/-	67/-
Provincial B	..	..	..	..	..	45/-	50/-	55/-	60/-	65/-

SHOP ASSISTANTS other than apprentices.

Age	..	..	..	16	17	18	19	20	21	22	23	24	25
<i>Males</i>													
London	..	..	29/-	31/-	38/-	42/-	49/-	59/-	63/6	67/-	71/-	76/-	
Provincial A	..	..	26/-	28/-	35/-	39/-	46/-	56/-	60/6	64/-	68/-	73/-	
Provincial B	..	..	24/-	26/-	33/-	37/-	44/-	54/-	58/6	62/-	66/-	71/-	
<i>Females</i>													
London	..	..	25/-	26/-	33/-	37/-	39/-	44/-	46/-	48/-	51/-		
Provincial A	..	..	22/-	23/-	30/-	34/-	36/-	41/-	43/-	45/-	48/-		
Provincial B	..	..	20/-	21/-	28/-	32/-	34/-	39/-	41/-	43/-	46/-		

**ALL OTHER MALE WORKERS other than apprentices.**

Age	16	17	18	19	20	21	22	23	24
London	28/-	30/-	37/-	41/-	48/-	57/-	62/-	65/-	71/-
Provincial A	25/-	27/-	34/-	38/-	45/-	54/-	59/-	62/-	68/-
Provincial B	23/-	25/-	32/-	36/-	43/-	52/-	57/-	60/-	66/-

harter (such as holiday resort, etc.) or any other item, are included in the list of places specified in the Appendix to the Agreement available separately from the secretaries of the J.I.C.). Provincial B means all places other than those included in Provincial A.

*Date of Increments.*—Increments in remuneration due to birthdays are to be made in the first full pay week after the birthday occurs. Increments in remuneration are to be made in the case of qualified assistants in the first full-pay week after the anniversary of registration.

*Sub-normal Employees.*—Remuneration for employees whose efficiency is impaired by reason of age or physical or other defect is to be settled by agreement between the employer and the employee, having regard to the circumstances of each individual case and subject to a right of appeal by either party to an Appeals Committee of the Joint Industrial Council for settlement. All such agreements shall be notified to the Joint Secretaries, who shall, from time to time, circulate to the Council a list thereof. Either side of the Council shall be at liberty to request further information on any case appearing in such list and, after notification to the parties, the Council shall have power to vary the agreement made or to remit the matter to an Appeals Committee, with power to vary such agreement; the determination of the Council, or of the Appeals Committee, to be final and binding on the parties.

*Late Entrants.*—(a) Subject to paragraph (b) below, employees who are over twenty-three years of age and, on entering the trade, are without previous experience of the trade, may be paid for the first six months at the weekly rate immediately below that specified for their age, but at the expiry of six months in the trade shall be paid at the weekly rate appropriate to their age. (b) As a war-time arrangement, women of thirty years of age and over, without any previous experience of the trade, shall be paid the rate of wages for twenty-two years of age for six months, and thereafter the rate for twenty-four and over.

## Conditions of Employment

*Hours of Labour.*—The weekly rates of remuneration are for a working week of forty-eight hours, exclusive of mealtimes, and subject to a daily allowance of not more than twenty minutes for the purpose of clearing the shop.

*Holiday Resorts.*—In shops at recognised holiday resorts, and in respect of which an Order is made under Section 6 of the Shops (Hours of Closing) Act, 1928, the working week, exclusive of mealtimes, for the months of July, August and September, shall be fifty-four hours, provided that the employee shall be compensated for the additional hours worked, as provided by the Shops (Hours of Closing) Act, 1928, Section 6.

*Overtime.*—Overtime shall be paid for at the rate of time-and-a-quarter, except for all time worked on Sundays, Good Friday, Easter Monday, Whit Monday, August Bank Holiday, Christmas Day, Boxing Day, and any other nationally proclaimed holidays (or such days

as may be substituted for them by local custom), when double rates shall be paid. Overtime shall not apply to managers, manageresses or qualified assistants.

*Cancelled Bank or Public Holidays.*—Where, owing to the cancellation by Government authority of any Bank or public holiday, the employee is required by the employer to work thereon, he (or she) shall be given a day's holiday with pay in lieu thereof within a period of one month, or payment equal to one-sixth of his (or her) weekly wage.

*Annual Holidays.*—In addition to Bank and public holidays, annual holidays with full pay shall be given as follows: All employees shall be given two full weeks' holiday, except employees entering into employment subsequent to October 31 of the preceding year, who shall be given one day's holiday for each complete month worked, with a maximum of twelve days. Provided that, where holidays cannot be given, payment at normal rates in lieu thereof shall be made.

*Sickness Pay.*—Upon the completion of three months' continuous service and subject to the production of a medical certificate, sickness leave up to twelve days in any one year shall be granted on full wages.

*Special Relief.*—Where any employer covered by the agreement considers that, owing to special economic, financial or trading difficulties, he is unable to operate in whole or in part the scales of wages and/or conditions of employment specified in the agreement, such employer may make application to the Council for special relief. Applications must be submitted through an appropriate employers' organisation, specifying the particular difficulties, and such claims shall within a period of twenty-one days be the subject of consideration by an Appeals Committee of the Council, whose decision shall be final and binding upon the parties. The Appeals Committee shall have power in such cases to vary the agreement but, failing a decision by the Appeals Committee, the matter shall forthwith be referred to arbitration by the independent president of the Council, whose decision shall be final and binding.

*Termination of Employment.*—Subject to Common Law rights, termination of employment shall be by one month's notice on either side in the case of qualified managers, qualified manageresses, qualified assistants and assistants (who have completed articles of pupilage but have not qualified), and one week's notice on either side in the case of all other employees.

*Date of Operation.*—The agreement shall come into operation on the first day of January 1945, and the minimum rates of remuneration specified shall become operative on the pay day in that week.

*Determination or Modification of Agreement.*—If either side of the Joint Industrial Council wishes to determine the agreement or modify it in any way, it shall give to the other side three months' notice in writing of its desire to do so, such notice to be given not earlier than October 1, 1945, and during this period of notice negotiations shall take place as to the proposed modification or termination.

# NOSTROLINE

NASAL REMEDY

Now ONE size only, 1/5  
(Including Tax)

MATTHEWS LABORATORIES, LTD., BRISTOL, 8

**OVERSEA ORDERS** with Licence Numbers  
**IMPORTERS** and Name of your Bank will have  
PROMPT ATTENTION

**W. H. JONES & CO. (London) Ltd.**

BUYERS, CONFIRMERS &amp; SHIPPERS

War-time Address: "Rusper," Barnet, Herts., Eng.

## LIVERPOOL SCHOOL OF PHARMACY

Principal: H. Humphreys Jones, F.R.I.C.,  
F.C.S., Ph.C.PREPARATION for the Intermediate and Qualifying  
Examinations of the Pharmaceutical Society.

SESSION HAS JUST COMMENCED

2 Blackburne Place, LIVERPOOL, 8

## DON BRYAN LIMITED

Wholesale Chemists and Druggists' Sundriesmen  
**BRYCO HOUSE, 7 MANSEL ST., SWANSEA**

for All Surgical and Clinical Appliances.

Patents. :: Proprietaries

**STRICTLY WHOLESALE.**Covering South, West and Mid Wales, serving  
CHEMISTS ONLY

## HARVEY'S WORM AND CONDITION POWDERS

FOR HORSES

can be obtained through the  
Wholesale Druggists Sundries Houses**HARVEY & CO. (DUBLIN), LTD., DUBLIN**

## D.C.L. VITAMIN B<sub>1</sub> YEAST TABLETS

A powerful natural  
tonic and nutrient—Each  
tablet contains 100 I.U.  
(approx.) of Vitamin B<sub>1</sub>.  
100 TABLETS 3/9d.  
50 TABLETS 2/3d.  
THE DISTILLERS CO. LTD.  
EDINBURGH



## Eau de Cologne and Beauty Aids

BLUE AND GOLD LABEL  
MADE IN ENGLAND

All enquiries to:

R. J. REUTER COMPANY, LTD.  
"4711" FACTORY, SLOUGH, BUCKS

P.A.T.A.

# S.V.R.

**JAMES BURROUGH LTD.**

1 Cale Distillery, Lambeth, S.E.11

## Export to Turkey

Efficient organisation in Turkey with  
excellent connections, local doctors,  
chemists, hospitals, offer their facilities  
for introduction of**Reputable British Pharmaceuticals**Manufacturers are invited to communicate  
with the Principals

## IMEXTRADE LTD.

150 REGENT STREET, LONDON, W.I.

Tel.: Reg. 4454 &amp; 4207

# CORKS! STOPPERS. ETC.

**C. OLLEY & SONS LTD.**  
CAMPERDOWN ST. & GT. ALIE ST.  
LONDON, E.1  
Established 1844

NATIONALLY  
ADVERTISED

# GOLDSTONE BEETLE VIRUS

## DESTROYS BLACK BEETLES

The Beetles disappear and  
die, leaving no odour

Retail 1/- (8/- per dozen net)

1/9 (14/- " " )

" Not liable to purchase tax

GOLDSTONE CHEMICAL WORKS  
HOVE, ENGLAND

# THE CHEMIST AND DRUGGIST

ESTABLISHED 1859

RETAILER — WHOLESALER — MANUFACTURER

circulates throughout the Pharmaceutical, Chemical, Drug, Essential Oil, Perfumery, Cosmetic, Toilet Preparation and allied Trades and Industries in Great Britain, Eire, the British Empire, and foreign countries

Official organ of *The Pharmaceutical Society of England*, *The Pharmaceutical Society of Northern Ireland*, *The Chemists' and Druggists' Society of Scotland* and of other Chemists' Societies in the Empire

PL. CXLI NOVEMBER 25, 1944 NO. 3381

*The fact that goods made of raw materials short supply owing to war conditions are advertised in this paper or described in its editorial columns should not be taken as an indication that they are necessarily available for export.*

## Mandate for Joint Committee

FOLLOWING three conferences of pharmacists held recently in London, culminating in the meeting of Branch Representatives of the Pharmaceutical Society on November 2, members of the Joint Committee should now have a fair idea of what is in the minds of members. Sectional interests within the Society, whether or not they are given a welcome into the Joint Committee as urged by the National Pharmaceutical Union's branch delegates on October 26, have at least had an opportunity of putting their views before their colleagues in other branches of the craft. As Mr. Linstead pointed out, it is the substance rather than the appearance of unity that is desirable, and from this point of view it is perhaps immaterial whether the Committee is now enlarged to include employees and other groups or not. The negotiators have undoubtedly greatly strengthened their position by securing from the representatives an endorsement (subject to certain amendments) of the policy they had put forward for the forthcoming meeting with the Ministry of Health. There remain the company chemists. The first resolution on the agenda on

November 2 was a motion that the companies should be represented on the Joint Committee, and the motion, after views had been expressed on both sides, was carried by the handsome majority of seventy-seven to forty-six. If, as the secretary was confident, the only present point of difference between private chemists and the multiples concerns the right to open new businesses within the National Health Plan, to thresh the matter out around the conference table may be expected to result in a winning over to the majority point of view of those who at present oppose it. Even if this does not come about, the prospect of a joint statement on all points except one will be extremely beneficial to pharmacists when the negotiations are in progress. The Council of the Society may accept the amendment in good grace, seeing that it was carried not only by the branch representatives, but also, in effect, by the branch delegates of the National Pharmaceutical Union at their conference a week earlier.

### A Point that Needs Clarifying

From the official report it is not at all clear whether members voted in favour of restricting to pharmacists all dispensing under N.H.S. or whether the Joint Committee was confirmed in recommending that all such dispensing should be "under the direct and personal supervision of a pharmacist." It will be recalled that Press representatives, other than the Society's official reporter, were excluded from the conference, and that delay was caused in issuing the official account because of the necessity for "considering" it. Some may feel that the method of admitting professional journalists might have made for greater clarity, and the Council will have to shoulder responsibility for any confusion that may arise in the minds of members of the Society.

Discussion on the constitution of the regional and local pharmacy boards resulted, on the whole, in solid agreement that the local boards should be:—

(a) Predominantly pharmaceutical;

(b) elective, so far as the pharmacist members are concerned; and

(c) representative of pharmacists other than contractors for dispensing under the scheme.

Mr. Linstead's suggestion that they should not only act in the same way as Pharmaceutical Committees under the existing National Health Insurance scheme, but should also advise the county and county borough councils on other pharmaceutical matters, is well worth bearing in mind by all pharmacists when the national medical scheme comes into operation.

### Central Dispensaries

Mr. Hudson, whose thoughtful paper on how to provide adequate pharmaceutical service without Health Centres brought numerous questions, was able to give adequate answers from, as he said, his own experience. He pointed out that local variations in dispensing were such that a comprehensive stock would involve some 20,000 items. Extraordinary demands made in different areas would have to be met, but as facilities already existed in some localities, proof was forthcoming that obstacles, although formidable, could be overcome. In our view he was right to insist that the public should have access to the central pharmaceutical dépôt which was the basis of his proposals, and we are convinced that pharmacists in any given area would gain rather than lose by such an arrangement. They would, of course, be part proprietors of the central business.

All told, there appears to be an encouragingly high degree of unity of aim and spirit in the ranks of pharmacy at the present time, and while members should take to heart the warning given by Mr. Gilmour against thinking in terms of doubled remuneration, there is sound reason for approaching the forthcoming negotiations in a spirit of optimism and confidence.

### First Fruits of J.I.C.

It has been observed that agreements issued by Joint Industrial Councils for minimum scales of wages to be paid to the various classes of employees, though agreed by the parties concerned, have usually been lower than those actually paid by the majority of employers in the trades referred

to. The agreement issued this week by the National Joint Industrial Council for Retail Pharmacy, relating to rates of wage and conditions of employment of pharmacists, assistants who have completed article of pupilage but who have not yet qualified shop assistants and other male employees (p. 558), is no exception to this rule. The fact that the scales of wages are clearly specified as minimum rates, and that the compulsory operation is not to prejudice agreements under which higher rates are at present being paid, is to some extent an indication that they should not be regarded either by employer or employee as standard levels. The main object of the fixing of minimum J.I.C. rates, it seems, is to stop any exceptional instances of employment of both qualified and unqualified persons at miserably low wages. In this light, and as the "bread line" of pharmacy, the minimum scales of wages for the various classes of employees may be accepted as fairly satisfactory.

### Impaired Efficiency

Employees whose efficiency may be impaired by age or by some disability may be engaged at rates of wages lower than those laid down in the agreement, but details of all such sub-minimum agreements must be notified to the joint secretaries of the J.I.C. It is not stated whether such notification has to be made by employer or employee or by both parties. This clause may affect the welfare of a number of men and women discharged from the Forces through wound or other disability. The fact that an ex-service man or woman may be drawing temporary or permanent war service disability pension should not be allowed to become a basic reason for engagement at sub-minimum rates of wage. Nor, where there is an obvious lack of efficiency due to war service, should the amount of the pension be taken as a basis for assessing the reduced rate. Admittedly there are types of war service pensionable disabilities which would discount a man's or woman's efficiency in pharmacy, but there are many other types of war injury, equally pensionable, which would not affect their efficiency in retail pharmacy one iota. We are confident that employers will not wish to take advantage of the pensioned man or

woman in this way, but it is a point on which we should like to see a direction or agreement issued by the J.I.C.

### Agreements Needing Revision

The clauses in the agreement relating to working hours per week, holidays, overtime, payment of wages during sickness, and termination of employment call for a special comment; generally, they correspond to those which have been customary in retail pharmacy for some time past. But where the conditions of the J.I.C. agreement do not correspond with the former "customs of the trade" which form part of an agreement at present in force between employer and employee, the former should give notice to the employee concerned that it is proposed to vary his or her existing agreement by substituting the J.I.C. conditions of employment. The agreement is to operate for at least one year from January 1 next, but either side may, from October 1, 1945, give three months' notice of intention to modify or terminate the agreement.

### Interim Reallocation of Civilian Man-power

THE latest White Paper (Cmd. 6568, Stationery Office, price twopence) on the subject of reallocation of our man-power deals with the interim period between the defeat of Germany and the overthrow of Japan, and outlines the plan for the organised redistribution of man-power within present civilian employments. In the White Paper on the Reallocation of Man-power between the Armed Forces and Civilian Employment (Cmd. 6548) (C. & D., September 30, p. 347), it was pointed out that no general demobilisation, either of the Armed Forces or of war industry, could take place in this interim period, and that the problem during that time would be one of reallocation between the Forces and industry, in order best to provide for the requirements of the situation. That Paper described the Government's plan for the release of men and women from the Armed Forces during the interim period.

The interim period is likely to be one of severe adjustment. Many problems will

arise and conflicting interests will need to be reconciled. The production required for carrying on the war against Japan must be fully maintained, but this will permit of a substantial reduction in munitions and equipment for the Armed Forces: within this reduced total there will be changes of emphasis as between different products and industries. Manufacturers, who will desire to restart as soon as possible free civilian production in preparation for post-war trade, must expect to find their activities somewhat restricted, in some cases rather severely, according to the importance of their products.

### Controls to Continue

It must be made possible to turn over some of our capacity to the production of civilian goods which in normal times are regarded as necessities. Also much of our industry is in need of re-equipment if it is to produce efficiently in the post-war period. The task will be to ensure that our, for the time being, limited resources are concentrated, first, upon those munitions still required in the Armed Forces; and, second, upon those products which are most important to national recovery and to an improvement in the standards of the community as a whole. The existing system of allocating man-power to the Forces and to the various industries carried out under the present system of priorities will, for these reasons, be continued.

It is clear that in order to avoid the risk of general dislocation of our resources on objects of secondary importance and to ensure, so far as practicable, the production of necessities rather than luxuries, the reallocation of civilian man-power during the interim period must be undertaken on a planned basis involving in some measure a continuance of control over industry and labour. In the man-power sphere, the aim is to be, while seeking to mitigate the severity of the existing labour controls, and paying regard to the natural desires of workers to seek work where they please, and of employers to re-engage labour freely, to ensure that the available resources of man-power are employed in the places where and on tasks in which they are most needed in the national interest.

## CONFERENCE OF BRANCH REPRESENTATIVES

(Continued from THE CHEMIST AND DRUGGIST, November 18, p. 531)

AFTER the president had made his introductory remarks at the meeting of Branch Representatives of the Pharmaceutical Society on November 2, discussion opened on his resolution expressing approval of the Joint Committee's proposals.

### Company Chemists' Position

MR. GRANVILLE SHAW moved an amendment that the Joint Pharmaceutical Committee should include a pharmacist delegate from the company chemists. Whether they liked it or not, he said, the company chemists, including the co-operative chemists, now formed a substantial part of the pharmaceutical service of the country. They had a share in the negotiation of the contracts through the Central National Health Insurance Committee; why should they not be entrusted with a share of the work of organisation? MR. J. E. CROWE seconded.

MR. A. M. GEE said that it was important to get all representative interests together; the company chemists represented some 3,000 pharmacists.—MR. W. ATKINSON opposed the amendment. Managers and directors who were pharmacists were represented, he said, by the Pharmaceutical Society. MR. H. T. FRANKS said representation of the N.P.U. gave the single proprietor pharmacist two votes to one vote of the manager of a company pharmacy; in fairness he would support the amendment.

THE SECRETARY said they wanted to put up one pharmaceutical view to the Ministry of Health if there was one point of view. If there was not, he did not regard as fatal the fact that two or three cases might be put. These things happened in a country where men have freedom of opinion. What was really important was the fact of unity and not the appearance of it. He believed the case presented by the Joint Committee, with one debatable exception (the question of whether new shops could come in automatically or only by permission), was going to be acceptable to the companies.

The motion was carried by seventy-seven votes to forty-six.

### Dispensing by Pharmacists

MR. A. E. FOOTITT urged that all dispensing should be done by or under the direction of a pharmacist. In the retail shop, he said, prescriptions other than

those containing scheduled poisons might be dispensed by anyone; in hospitals the position was more serious, there being no compulsion on the authorities to employ pharmacists other than for the control of dangerous drugs. MR. W. ATKINSON then moved an amendment that the Society should institute proceedings to secure that the dispensing of all prescriptions for human use or consumption should be performed only by a pharmacist.

MR. H. T. FRANKS considered all dispensing should be done by pharmacists those training to be pharmacists, but with the proviso that unqualified men who had been for some years in dispensing business should be given a suitable time-limit. MR. A. GOODALL considered that all dispensing should be done by a qualified man with the help of one assistant—either an apprentice or an assistant dispenser.

THE SECRETARY suggested that pharmacy in the White Paper was winning a bloodless victory in a battle which it had been fighting for about a hundred years separation of prescribing from dispensing. The National Health Insurance Act was the first step in bringing that about, and the present scheme would be the second. When that scheme was in operation, 90 per cent. of the dispensing would automatically pass into pharmacists' hands. He suggested that it might be unwise to start a hotly contested battle on whether they were to have the last 5 or 2½ per cent. "Under the direct and personal supervision," which was stricter than the present arrangement, would bring them as close as possible to what in practice they could hope to get. MR. E. JONES agreed with Mr. Linstead on the question of dispensing. If whatever scheme was adopted for testing medicines was applied equally to hospitals and to private chemists, as it must be, then if they found that medicine was being inaccurately dispensed they had a remedy.

MR. E. CRONIN suggested that they should forget prescribing and introduce diagnosis. It was stated in the White Paper that those who, although entitled to the service, preferred to pay for private medical attention would be entitled to do so. It was quite possible that a medical man might use this provision to carry quite large private dispensing business in his own surgery. If they adopted the term "diagnosis" and not "prescribing," prescription

uld naturally be written for the supply all medicaments.

MR. F. C. BENTLEY suggested that the called one-mile limit should be extended ther. Transport was likely to improve considerably, and he saw no reason why patient should not be able to come to the chemist in the village.

MR. H. W. TOMSKI said that freedom to y for private treatment was a loophole abuse and the same could apply to the armacist. Remuneration would depend who was going to do the dispensing. He is in favour of the pharmacist doing it, apprentice, during training, and all use unqualified dispensers who had done for the last two years prior to the institution of the national service.

THE SECRETARY said every doctor was titled to be paid on the capitation fee sis if he wished; but also he would be titled to take private patients. He did t think that any scheme could prevent oholes, both for the doctor and for the emist, but they had to look at the probn broadly, leaving loopholes to be stopped later. He felt that creating a register or t of dispensers was potentially dangerous the qualification, but it was a matter on hich opinions could properly be held on both sides.

The motion was carried by sixty-one votes to forty-five.

#### Administration

MR. C. A. FOX inquired concerning the elationship between the Local Pharmacy board and the Area Board. THE SECRETARY aid there was to be a joint Health Authority which would be the planning body for group of counties. Under that Joint health Authority would be the county uncils and county boroughs, which would ook after the domiciliary services and eneral practitioner service. The Joint Health Authority, in addition to doing lanning, would look after all the hospital ervices. On the pharmaceutical side they wanted a pharmaceutical advisory body at the level of the Joint Authority, that body being concerned mainly with the hospital section of pharmacy but also interested in the retail section, because of the planning duties of the Joint Authority. At the county council and county borough evel they wanted the local pharmacy board, which would be mainly concerned with the pharmacist in the shop.

MR. A. GOODALL asked that the representation of pharmacists on those boards should be adequate and that they should

be elected. MR. J. H. SPENCER supported. He said it was feared that representation might consist more or less of civil servants, and that was something that they wanted at all costs to avoid.

THE SECRETARY said the suggestion that there should be no separate pharmaceutical structure, but that the Central Health Services Council should act for pharmacy at the centre, and that the local medical committee, with representatives of pharmacists upon it, should act for pharmacy locally, would probably not have been made if the branch concerned had had the Joint Committee's proposals before it at the time, because not only would the local medical committees be unwilling to look after the pharmaceutical service but pharmacists themselves, even if they had some representatives on those committees, would not feel happy about such an arrangement. With regard to the Central Health Services Council, pharmacists could not expect to get what would be considered adequate pharmaceutical representation on it—adequate in the sense of what would be necessary if that Council were going to look after pharmaceutical interests in some detail. That Council was going to have representatives on it of all the associated professions —doctors, pharmacists, nurses, radiographers, physiotherapists, dentists, midwives, and so on. If each had what they would call adequate representation, there would obviously be a Council of unwieldy size. The Central Pharmacy Board would be predominantly a pharmaceutical body. If the membership was, say, twenty-four, there might be three or four non-pharmacists, and of those pharmacists a majority should be contractors. Everything should be done to avoid any danger of the Central Pharmacy Board being dominated by civil servants. If members were elected they would represent the views of the ordinary chemist, but their influence with the Minister was weakened. If appointed by the Minister they might not satisfy the ordinary chemist that they represented his views so well, but they would have more influence with the Minister. The solution suggested by the Joint Committee was that the actual appointment could properly be made by the Minister, and he suggested that the Joint Committee had adopted the most sensible solution.

MR. H. G. TIBBETT asked whether it was considered that the area and local pharmacy boards could and should be elected from pharmacists. THE SECRETARY said the position in regard to the Area Pharmacy

Board would want thinking out; he would like to see the local boards elected almost exactly as the Pharmaceutical Committees were elected at present. His expectation was that they would be in fact the Pharmaceutical Committees under a new name.

MR. TIBBETT said in that case he would move:—

That this Conference recommends that the Local Pharmacy Boards shall consist mainly of pharmacists, and that those pharmacists shall be elected from and by pharmacists practising under the scheme.

That resolution had been passed at the Pharmaceutical Committees' Conference the previous week, but it then covered all the pharmaceutical bodies. He was referring only to the local pharmacy boards. MR. J. H. SPENCER seconded and said that on the present Insurance Committees pharmacists had no right to any representation as such. That was the kind of thing they wanted to avoid in the future.

A REPRESENTATIVE asked whether it was intended that the local pharmacy board should include employed pharmacists as such, or only as the representatives of companies. MR. TIBBETT said he had in mind the same method of election as applied at present to Pharmaceutical Committees.

A REPRESENTATIVE asked whether the company chemist managers were allowed to vote for representatives on the Pharmaceutical Committees, and THE SECRETARY said he understood the voting was done by the contractors. THE REPRESENTATIVE said that excluded a large number of pharmacists from having a say in the election of those bodies.

MR. C. A. Fox said the Sheffield Branch had passed a resolution urging that representation should be provided on the local pharmacy board for pharmaceutical employees as well as contractors. They did not go so far as to say how they considered that the election should be carried out, and would be content that the voting should be as at present. MR. R. E. FRIZZELL said that anybody who was in pharmacy locally, whether a proprietor or employed by a hospital or a company, should have a vote.

MR. H. G. TIBBETT said that if a hospital was a contractor, it would have a vote, and the right to put a member up for election on the local pharmacy board; but he did not see any way of getting direct employee representation, because the board must consist of contractors, whether appointed or elected. MR. W. E. PHILLIPSON said that in hospitals doing National Health Insur-

ance dispensing the dispenser or the pharmacist was the contractor.

MR. W. F. REDFERN asked whether companies would have one vote for every shop in the area. THE SECRETARY: At the moment they have only one vote. MR. W. R. B. ARNOLD said he was the secretary of two Pharmaceutical committees. In each case there was a member nominated by a company, and he was local manager. MR. H. T. FRANKS said the pharmacists mentioned by Mr. Arnold were nominated by the companies. Were the directors of the companies themselves pharmacists? If not, was not it odd that non-pharmaceutical men should nominate a pharmacist? That was entirely different from a pharmacist voting for another pharmacist.

THE SECRETARY said they had tended to focus a little too closely on the analogy between the new local pharmacy board and the present Pharmaceutical Committee. He was hoping that the new local board would act as advisory committees on pharmaceutical matters to county council and county borough councils, in addition to their narrower work in connexion with the local pharmaceutical service. It would be a healthy innovation in local government, and helpful to pharmacy, if they could do that in matters connected with clinics, and he thought they had justification for widening the membership to cover not only contracting but other pharmacists in the area. He thought that they could pass a resolution which said three things. First, that the local pharmacy board should be predominantly pharmaceutical; secondly, that they should be elected; and thirdly, that they should be constituted to give reasonable representation to sections of pharmacy other than the contractors. MR. TIBBETT said that Mr. Linstead had expressed exactly what he had in mind.

The motion was carried.

A REPRESENTATIVE suggested that it should be made possible, perhaps by a central or local fund, to provide locums so that young and active members could sit on the boards. MR. J. E. CROWE moved that the Central Pharmacy Board should be mainly elected. He was frightened of the kind of appointments that might be made. It was said that they would be made after consultation with pharmaceutical bodies. Which pharmaceutical bodies? Would the Society be asked to appoint some, and the N.P.U., and the company chemists? Where would it all end?

The amendment was negatived, and the

sident's original motion, as amended at meeting, was passed.

### Service in Individual Pharmacies

MR. D. W. HUDSON then introduced a discussion on "The Pharmaceutical Service in the Individual Pharmacy."

MR. H. CRAWSHAW said members of his branch had felt for some time that the move for an improved pharmaceutical service ought to come from pharmacists themselves. They felt that their facilities, even with the aid, had not been good enough in their view, and a proposal had come from members of the Association that a further pharmacy, almost on the lines of Mr. Hudson's area pharmacy (see *C. & D.*, November 18, p. 532) should be set up. They would begin by giving a late service, and hoped in the near future to give, he could not say a complete service, but a service that would approach that standard eventually.

MR. H. T. FRANKS said he was employed in a pharmacy which was supposed to have the biggest local dispensing business but they got little demand for things which were out of the ordinary. MR. E. JONES said his experience differed from that of the previous speaker. His stock was growing and capital cost continuously. The late pharmacy would have to be a pharmacy in the true sense of the word, and would have to have a considerable stock, and he thought it would be found difficult to know quite where to draw the line. Rigid rules as to hours worked should not be made; that could have to be settled with the local medical men.

MR. J. W. KITCHING viewed with apprehension the rate at which multiple firms were taking over the businesses of private pharmacists as they came into the market. There was need for a pharmaceutical fund to enable employee pharmacists and pharmacists unable, owing to lack of capital, to acquire pharmacies, to have a chance of doing so.

MR. J. H. SPENCER asked whether the area pharmacy was to be available simply to local pharmacies to help them to fill prescriptions which they were unable to manage themselves, or were the public to have access to it as well? If the public were allowed to present their prescriptions to the area pharmacy there would be a great tendency for all dispensing to go there and one to the individual local pharmacy. MR. D. ARCY BRAY visualised that an area pharmacy would be for the convenience of other pharmacists and not for public use.

It would be the only possible solution of the problem of giving a 24-hour service. There was, however, one great difficulty: how would it be financed? MR. E. ROBINSON said in Bradford a service had been developed during the war whereby pharmacists sent prescriptions to another pharmacy in the centre of the city and the dispensed medicine was returned for handing out by the original pharmacist. That service could be developed.

MR. E. A. BRIGGS said if six pharmacists agreed to employ one pharmacist for one day a week that should solve the difficulty; the proprietor pharmacist would then be able to take that day off and so do the night work himself.

MR. D. W. HUDSON said he could reply to most of the questions from many years' experience. Variation in dispensing in different districts was great. When he said that what he would consider to be a comprehensive stock would probably run into 20,000 items and more, it would give some indication of the fact that in some districts the most extraordinary demands could be made, and had to be met by somebody. He appreciated only too well that there were many difficulties attached to the development of such a service, but they had to remember that such services already existed. They were not talking about something which was hypothetical. It had been said that employing a locum pharmacist for rota duty would suffice. It would not, because the facilities would not be available. It was that difficulty which the area organisation sought to overcome. They wanted to put at the disposal of everyone the facilities which already existed for some. To the question whether the public would have access to these area pharmacies the answer was yes, most certainly. Such pharmacies did not get all the dispensing, by any means, but they got a large share of the troublesome work. Such pharmacies were run not as a commercial undertaking but because they were the expression of a desire to do the job well.

THE PRESIDENT thanked Mr. Hudson for the valuable contribution which he had made and assured him that the Joint Committee would make good use of it.

(To be concluded)

---

**Chiropodists' Pharmacopœia.**—The third edition of a "Pharmacopœia for Chiropodists" has been issued by Faber & Faber, Ltd., 24 Russell Square, London, W.C. 1, price 6s.

## BIRKENHEAD VOTE ON CENTRAL DISPENSARY

DISCUSSION by the Birkenhead and Wirral Pharmacists' Association of a proposal (*C. & D.*, 1942, I, 354) for improving the late night and Sunday pharmaceutical service by means of a central dispensary, which was on the agenda of a meeting held on October 17, was postponed until a later date, when a special meeting was called to give it full consideration. Members were informed that to capitalise and stock a central dispensary might cost up to £50 per subscribing member of the company which would operate it. MR. W. R. EVASON, who presided at the meeting, invited all interested members to inform the secretary (Mr. R. G. Collins) in order to permit an estimate to be made of the interest there was in the project.

### N.P.U. Conference Discussed

Notices of a motion on the agenda for the N.P.U. conference were examined. The view of members was that under the National Insurance system tariff prices for drugs should be paid with a minimum of one penny per ingredient; average dispensing fee, 14·3d.; Dangerous Drugs Act prescriptions, threepence extra; fee for urgent after-hours' prescriptions, one shilling. Members living on their shop premises called attention to demands made upon them after their business premises had closed, and questioned whether all those whose names appeared on the panel or rota provided the service expected of them and exhibited the notices issued to them by the Insurance Committee. There was not a chemist in the room, said one member, who would decline to prescribe urgent medicines required at any hour of the night, but in many cases they were not really urgent.

MR. F. HAWORTH said the average chemist would accept the assurance of a patient presenting an "after-hours" prescription, that it was urgent. When the medicine was supplied the chemist should receive the "urgent" fee, whether the doctor marked the script "urgent" or not.

Information was sought as to the manner in which non-local establishments were carrying out their agreements with the Birkenhead Insurance Committee, as there was a suspicion that these agreements were more binding on private chemists than on the big companies. Members were also of opinion that the rota system of working should be carried out more punctiliously. The secretary of the Pharmaceutical Committee is to be approached on these points.

At the special meeting which was called MR. W. R. EVASON again presided. He made it clear that, if the venture was made, the dispensary would have to be convenient of access from any part of the borough. Amongst the points brought up in the discussion were the following: The public must be educated to want a central dispensary, and then they had to be educated to pay for it. After the war, the Ministry would probably insist upon chemists' shops being open until 8 p.m., and there was nothing to prevent it unless chemists themselves devised another method of giving ample service. This raised the question how it would be possible to comply with, say, a 44-hour working week, and whether a proprietor could afford to face paying overtime for the necessary extra work. Long hours would cause juniors to avoid pharmacy as a career. On the other hand, it was feared that doctors might be tempted to open their surgeries to a late hour, and there should be a stipulation that all prescriptions handed in at the central pharmacy should be charged at an urgent fee. MR. F. G. COLLINS, secretary, said the dispensary, though intended to cope with emergency work, should, if possible, be made to pay. A member pointed out that if a patient called at night at a chemist's shop and was referred to the central dispensary, he was unlikely to be pleased. This might mean the loss of a customer. The central dispensary would be a private venture by chemists, who would be invited to subscribe the necessary amount of capital which would be required.

### Committees to be Approached

Two suggestions from the discussion emerged: (1) Steps should be taken to ascertain the opinions of members of the Pharmaceutical and Panel Committees (2) the proposal should be outlined in the local Press, in order to find out how the public was likely to react. It was decided to act on the first proposal. The question whether patent and other medicines should be sold from the central dispensary was answered with a qualified "Yes," but it was considered necessary to define what medicines might be stocked and sold. Voting resulted as follows: For a central dispensary, 6; against, 4; neutral, 2. The six in favour of a central dispensary are to meet and discuss the practicability of proceeding with the scheme, methods of raising the capital, etc.

## ULSTER CHEMISTS' ASSOCIATION

THE monthly meeting of the executive committee of the Ulster Chemists' Association was held in Belfast on November 7. The president (Mr. H. P. Crossin) in the chair. THE SECRETARY reported that a mail drive arranged by the social subcommittee on October 11 had raised £145. 6d. for the Northern Ireland Chemists' Benevolent Fund. The question of les of a certain veterinary product had been satisfactorily settled, the manufacturers having decided to restore free sale

the proprietary to farmers through emists. They pointed out that the substance was highly potent, and strongly recommended that it should be used by rners only after consultation with veter-ary surgeons. A subcommittee appointed draft a circular concerning the White paper proposals for a National Health service had met and prepared a draft circular, copies of which were distributed the meeting and approved. The secretary as instructed to circulate it to members without delay.

### insulin Syringes

THE SECRETARY reported that the Ministry of Labour had replied to a letter from him concerning insulin syringes priced at the National Health Insurance Tariff £5s. 8d. each. He was directed to advise members that they should mark the cost price of the syringes on their N.H.I. prescriptions, so that the Ministry could increase the allowance to be made if the cost price justified a higher payment than 5s. 8d.

### Health Advisory Council Representation

At the president's direction, the secretary had written to the Ministry of Health and Local Government asking for a pharmaceutical chemist representative on the Health Advisory Council, and had received the following reply:

I am directed by the Minister of Health and Local Government to refer to your letter of October 28, and to say that he has carefully considered the request which you made for the appointment of a pharmaceutical representative on the new Health Advisory Council. In deciding upon the personnel of this Council the Minister was faced with many problems, not the least of which being the very size of the body. If he were to give representation to all the organisations active in the field of public health the Council would have attained a totally unmanageable size. He was therefore forced to turn down a number of requests from bodies per-

forming useful work in the community, and in doing so the Minister was in no way unappreciative of the part they play, or of the contribution they could make. The Ulster Chemists' Association was given sympathetic consideration, but it was finally decided that direct representation could not be granted.

The secretary was unanimously directed to express the committee's dissatisfaction with this reply, and to reiterate the request for a pharmaceutical chemist on the Council.

### Price Changes

Various price changes were considered and adopted, and final proofs of the agenda, annual report and accounts for the annual meeting were approved. The secretary was directed to invite the local associations in Armagh, Ballymena, East Antrim, Londonderry, Newry and North Down to send two representatives each to the annual meeting; the representatives would be entertained to lunch by the officers of the Association; a personal invitation to the luncheon was extended to the president of the Pharmaceutical Society of Northern Ireland (Mr. C. Abernethy), who was present.

### Correspondence

The following letters were read: From Messrs. R. A. McEwen and W. J. McCutcheon acknowledging letters of sympathy; and from the Ministry of Labour enclosing a copy of a circular about ipecacuanha, now listed as a "scarce substance." The circular pointed out that a chemist supplying the authorised alternative substance must write on the prescription the letters "A.A.S." or otherwise indicate that the alternative substance has been supplied. Appreciation was expressed of the excellent report of the Associates' Section annual meeting and meeting of committee given in THE CHEMIST AND DRUGGIST and of a leading article on the subject. The secretary was directed to send reports of all U.C.A. meetings and general Northern Ireland trade news direct to the C. & D.

The election of several members and associates was approved, and THE SECRETARY reported that the Associates' Section proposed to print booklets of the Section's rules, and asked the executive committee's approval of some minor amendments. The changes were approved on the proposal of MR. W. J. RANKIN, seconded by MR. H. P. CROSSIN.

## TRADE REPORT

Spot quotations for pharmaceutical chemicals, crude drugs and essential oils represent the prices for wholesale quantities of standard quality. C.i.f. quotations do not include marine war risk insurance and other abnormal charges payable in the present emergency.

### 28 Essex Street, W.C.2, November 22

THE drug markets have again passed a quiet week, with no features of any kind, and few price alterations. Individual dealers report a number of orders, but these have been mainly of modest dimensions for goods for immediate use. Market prices are difficult to assess under such conditions, and values mentioned in different quarters sometimes vary considerably. From the PHARMACEUTICAL CHEMICALS section the usual movements are reported. Demand for some articles is good, and the supply position generally is such that a steady flow of replacements is being fully maintained.

### Crude Drugs

No single item in the DRUGS section can be selected for special mention. Spot stocks of Sumatra BENZOIN are now practically exhausted, and any remaining small parcels would fetch a high price. CHILLIES, CLOVES and other spice products are quiet, with a steady consuming demand and no price movements. ERGOT continues in poor supply, a good price being mentioned for any available sound material. No changes are recorded in GUM ACACIA or other pharmaceutical gums. Supplies of JABORANDI are now diminished, but the price is unaltered. Offers of MENTHOL from Brazil are still being reported. RHUBARB is in steady demand, with the spot price tending higher. SARSAPARILLA is now added to the list of crude drugs at present unobtainable. SEEDS continue dull, without quotable change. TURMERIC is reported rather easier.

### Essential Oils

The advisory committee of the Essential Oils Control Scheme has announced a price for West African ORANGE imported by the Ministry of Food. High prices are being mentioned for small supplies of some oils outside the scope of the scheme. In connexion with the amended monographs contained in the Seventh Addendum to the British Pharmacopœia, that for OIL OF LEMON may result in the inclusion of the Californian variety, and that for OIL OF NUTMEG will admit oils distilled from West Indian kernels.

### Pharmaceutical Chemicals

ASPIRIN.—Demand continues fair. Prices, in quantities of 28 lb.-1 cwt. (containers in brackets), are as follows: 4s. (1-lb.); 3s. 10½d. (4-lb.); 3s. 9½d. (7-lb.); 3s. 9d. (14-lb.); 3s. 8½d. (28-lb.).

BENZOIC ACID.—No change in price at 3s. to 3s. 6d. per lb., according to quantity.

BORAX.—Makers' current rates are unchanged: B.P. quality, granulated, £42 per ton; crystal, £43; powder, £43 10s. Packed in one-cwt. bags, delivered carriage paid in Great Britain in one-ton lots and upwards. Commercial grades, £8 per ton less.

Caffeine.—Quantities of 7 lb.-28 lb. are quoted per lb. as follows (supplies subject to D.M.S. approval): ALKALOID, B.P., 34s.; CITRATE, 23s.; SODIUM BENZOATE, 23s.; SODIUM SALICYLATE, 23s. 9d. Tins extra when supplied.

CALAMINE, B.P.C.—Current prices are as follows: 7-lb. lots, 1s. 8d. per lb.; 28-lb. lots, 1s. 6d.

CITRATES.—Makers quote POTASSIUM per lb., in 28-lb.-1 cwt. lots, as follows (containers in brackets): 3s. 3½d. (1-lb.); 3s. 2d. (4-lb.); 3s. 1d. (7-lb.); 3s. 0½d. (14-lb.); 3s. (28-lb.). IRON AND AMMONIUM (SCALES), B.P., is at 3d. per lb. above, and SODIUM is at 1d. per lb. below these prices; POTASSIUM and SODIUM POWDER, 1d. per lb. extra.

CODEINE.—Current prices per oz., for small lots, are as follows: PURE, ½ oz., 55s. 3d.; 1 oz., 52s. 9d.; 2 oz., 51s. 3d.; 3 oz., 50s. 6d.; 4 oz., 50s. 3d. HYDROCHLORIDE.—½ oz., 50s.; 1 oz., 47s. 6d.; 2 oz., 46s.; 3 oz., 45s. 3d.; 4 oz., 45s. PHOSPHATE.—½ oz., 43s. 9d.; 1 oz., 41s. 3d.; 2 oz., 39s. 9d.; 3 oz., 39s.; 4 oz., 38s. 9d.

HOMATROPINE.—Makers' prices per oz. are as follows (prices per gram in brackets): ALKALOID, 1 oz., 97s. 6d.; 4 oz., 92s. 6d.; 16 oz., 87s. 6d. (6s.). HYDROCHLORIDE, HYDROBROMIDE and SULPHATE, 1 oz., 75s.; 4 oz., 70s.; 16 oz., 65s. (3s. 2d.).

PHENOLPHTHALEIN.—Current rates are as follows: Less than 7 lb., 4s. 8d. per lb.; 7 lb., 4s. 7d.; 14 lb., 4s. 6d.; 28 lb., 4s. 5d.; 1 cwt., 4s. 4d.

PILOCARPINE.—Makers quote at the following rates per oz.: Base, 1 oz., 27s.; 4 oz., 21s. 3d.; 8 oz., 20s. 9d.; 25 oz., 20s. 3d. Nitrate, 1 oz., 18s. 6d.; 4 oz., 18s.; 25 oz., 17s. 6d.

SANTONIN.—Home trade prices are as follows 10 kilos and over, £62; not less than 5 kilos £63; 2-4 kilos, £64; 1 kilo, £65; 500 gm., £66 250 gm., £67; 100 gm., £68; less than 100 gm. £69 per kilo. Carriage paid in United Kingdom

TERPINEOL.—Pure medicinal quality is available at from 3s. 3d. to 4s. per lb. for antiseptics of the chloroxylenol type.

## Crude Drugs

**ARECA NUTS.**—Wormy Ceylon, on spot, 90s. per cwt., ex store.

**BALSAMS.**—Prices and supply position are unchanged. *Peru*, 7s. od. per lb.; *Canada*, 5. gd. to 10s.; *Tolu* and *Copaiba*, unobtainable.

**BELLADONNA.**—Indian leaves, spot, 5s. 7½d. to 6s. per lb., according to alkaloidal content; supplies of root are scarce.

**BENZOIN.**—No supplies of Sumatra are available at present.

**CARDAMOMS.**—Practically no business passing; rates are unchanged. Aleppy greens, 5. 6d. per lb.; Aleppy seed, 6s. 6d.; split seed, 5s. 6d.

**CARNAUBA WAX.**—Fatty grey, 465s. to 480s. per cwt., ex store, in minimum one-bag lots.

**CHILLIES.**—Mombasa continues to be quoted at 110s. per cwt., but no other varieties may be had at present.

**CLOVES.**—The only variety available is anzibar, which is quoted at 1s. 4½d. per lb.

**COCOA BUTTER.**—Price is controlled at 1s. 5½d. per lb., ex factory or warehouse, except for sales made under Ministry of Food licence.

**COCONUT (DESICCATED).**—Remains under Ministry of Food control at 49s. per cwt.

**COLOCYNTH.**—Spot supplies are quoted at from 2s. 7½d. to 2s. 9d. per lb., according to older.

**DIGITALIS LEAVES.**—Spot quotation for Portuguese leaf is steady at 140s. per cwt., and that for English at 2s. 6d. per lb.

**DRAGON'S BLOOD.**—Spot supplies are now exhausted.

**ERGOT.**—Good-quality material, if available, would be worth 6s. 6d. per lb., but supplies are short.

**GINGER.**—The first forecast of the ginger crop in the Madras Province for 1944 ("Indian Trade Journal") states that the area under ginger up to August 25, 1944, is estimated at 12,700 acres in Malabar and 600 acres in South Kanara, as against 12,600 acres in Malabar and 600 acres in South Kanara estimated for the corresponding period of the previous year. The condition of the crop is reported to be generally satisfactory and the yield per acre is expected to be normal.

**GUM ACACIA.**—Spot price of Kordofan cleaned roots is steady at 80s. per cwt., bleached, spot, quoted at 185s.; Talha, cleaned, 50s. per cwt., anded.

**HENBANE.**—Indian, 250s. per cwt.; Russian, 350s.; Egyptian (*muticus*), 75s. A parcel of cow-testing Indian material is offered at 6d. per lb.

**JABORANDI.**—Firm on spot at 52s. 6d. per cwt.

**KAMALA.**—Material yielding 6 per cent. ash would be priced at 2s. 6d. per lb.

**LIQUORICE ROOT.**—Approved buyers may obtain Russian root at 85s. per cwt.

**MENTHOL.**—Offers of Brazilian for shipment are reported; price would be 85s. to 95s. per lb.; landed terms, duty paid.

**MERCURY.**—Official quotations range from £68 10s. to £69 15s. per flask, according to conditions and quality, with higher prices for smaller lots and re-distilled grades.

**MYRRH.**—Aden sorts remain firm at £20 per cwt.

**NUTMEGS.**—West Indian, wormy and broken, spot, 1s. 5d. per lb.; sound unassorted, 1s. 7½d.

**NUX VOMICA.**—Cochin, spot, steady at 42s. 6d. per cwt.; shipment, 35s., c.i.f.; Co-cana seed, shipment, 32s. 6d. per cwt., c.i.f.

**OURICURI WAX.**—Spot, 285s. to 320s. per cwt., as to quality; shipment, 280s., c.i.f.

**PAPAIN.**—Good-testing Ceylon is priced at 8s. per lb. on spot.

**PEPPER.**—Maximum prices of whole pepper, not picked over or cleaned, on sale to processors, 1s. 4d. per lb. for white and 1s. per lb. for black.

The first forecast of the pepper crop in the Madras Province for 1944 ("Indian Trade Journal") states that the area under pepper up to August 25, 1944, in the districts of Malabar and South Kanara is estimated at 100,500 acres (91,800 acres in Malabar and 8,700 acres in South Kanara), as against 102,500 acres (94,000 acres in Malabar and 8,500 acres in South Kanara) estimated for the corresponding period of the previous year. The yield per acre is expected to be normal in South Kanara and slightly below normal in Malabar due to the poor formation of spikes.

**PIMENTO.**—Sellers on spot at 1s. 3½d. per lb., but little business is passing.

**QUASSIA.**—Steady on spot at 37s. 6d. to 40s. per cwt., according to quantity.

**QUILLAIA BARK.**—Crushed or cut, spot, 95s. per cwt.; natural, 75s.; shipment, 65s., c.i.f.

**RHUBARB.**—In steady demand. Rough-round, spot, 13s. to 14s. per lb. Shensi, irregular shapes, 14s. per lb.

**SEEDS.**—Prices are maintained at last-quoted levels, with business exceedingly quiet. Current rates are as follows: **CORIANDER**.—Indian, 75s. per cwt. **CUMIN**.—Maltese, spot, 105s.; Indian, 100s. **DILL**.—90s., ex wharf. **FENNEL**.—Offered at 85s. **FENUGREEK**.—May be had at 80s. **MUSTARD**.—Controlled prices are unchanged.

**SENNA.**—Alexandrian medium pods are at 4s. per lb.; Tinnevelly, manufacturing grade, 6d. to 6½d.; hand-picked, 8½d. to 1s.; broken Alexandrian leaves, 1s. 3d. to 1s. 4d.; siftings, 1s. 2d.; Tinnevelly, No. 1, 9d. to 10½d.; No. 2, 7d. to 7½d.; No. 3, 5½d. to 6d.

**SQUILL.**—Portuguese bulb may be obtained at 75s. per cwt.; Indian, 60s.

**STRAMONIUM LEAVES.**—Dealers would require around 80s. per cwt. for East Indian leaves.

**STROPHANTHUS SEED.**—100 per cent. Kombé seed may be obtained on spot at 7s. to 7s. 6d. per lb., according to quantity.

**TRAGACANTH.**—Medium grades are quoted as follows: No. 1, white, £130 per cwt.; No. 2, white, £115; No. 3, white, £100; No. 4, white, £85; pale leaf, £60; amber leaf, £50; dark

amber, £40; brown leaf, £30; red-and-brown leaf, £25; red leaf, from £20; hoggy, £12 to £15.

**TURMERIC.**—Madras finger, sound-quality, easier at 57s. 6d. per cwt. on spot.

**VALERIAN ROOT.**—Dealers would require 100s. per cwt. for Indian root.

## Essential and Expressed Oils

**ANISE (STAR).**—No change has occurred in the price or supply position.

**CASTOR.**—“Firsts” are officially quoted at £92 per ton, and “seconds” at £90, both naked ex works, in bulk lots.

**CITRONELLA.**—Ceylon, spot, approximately 21s. per lb.; Java, spot, 27s. 6d., if available.

**CLOVE.**—English distillers’ prices are steady at 12s. 6d. to 13s. per lb., according to quantity.

**COCONUT.**—Refined deodorised is officially priced at £49 per ton, and refined hardened deodorised at £53 for bulk supplies.

**EUCALYPTUS.**—Oil containing 50 to 75 per cent. cineole would be worth about 8s. per lb., if available.

**GINGERGRASS.**—Small spot supplies would fetch approximately 22s. 6d. per lb.

**LINSEED.**—Crude is priced at £62 per ton, naked ex works, for bulk supplies.

**NUTMEG.**—No change has been notified in English distillers’ prices at 32s. 6d. per lb. with lower rates for quantities.

**OLIVE (EDIBLE).**—The price charged to the wholesaler by the importer is 25s. 9d. per gallon, ex store. Prices charged by wholesalers to retailers are agreed by the Ministry of Food as follows: 33s. 6d. per gallon, in 1-gallon loan cans; 34s. 3d. per gallon, in  $\frac{1}{2}$ -gallon loan cans; 35s. per gallon in 1-quart loan cans; 36s. per gallon in 1-pint loan cans.

**RAPSEED.**—Official quotation of £85 per ton, naked ex works, is unchanged.

## Essential Oils Control

The Advisory Committee have fixed the following price for the under-mentioned Ministry oil:—

### WEST AFRICAN ORANGE

Notional c.i.f. . . . .	8s. 9d.
Landing . . . . .	3d.
Ministry's price to A.R. . . . .	9s. od., plus 10 <i>½</i> d. duty
4 per cent. levy of notional c.i.f. . . . .	4 <i>½</i> d.
A.R.'s 2 per cent. of notional c.i.f. . . . .	2d.
	9s. 6 <i>½</i> d., plus 10 <i>½</i> d. duty
D.P.D.'s 5 per cent. . . . .	5 <i>½</i> d.
D.P.D.'s delivery charge . . . . .	3d.
	10s. 3d. plus 10 <i>½</i> d. duty

## MISCELLANEOUS INQUIRIES

**Lighter Fuel.**—P.P.O.—It is illegal to package any lighter fuel except in gelatin or glass ampoules (of any size) or in glass bottles or tin containers of 10- or 20-fl oz. capacity. The order came into force on April 18, 1944.

**Aluminium Paste.**—A. P. R.—The purpose of this paste is to protect the skin during the draining of sinuses. A formula that has proved satisfactory is: Aluminium, in fine powder, 1; soft paraffin, q.s. to make a thick paste; then add zinc ointment, 2.

**Spirit Rebate.**—S. H. D.—Rebate allowed on alcohol in medicinal preparations amounts to the duty in excess of 14s. 9d. per proof gallon, and not as recently stated in these columns. The present figure is 14s. 3d., made up of immature spirit duty 1s. 6d., and additional duty 14s. 9d.

**Modified Frow Mixture.**—E. F.—The revised formula for this preparation is lignoin, by weight, three; nitrobenzene, by weight, six; methyl salicylate, by weight, two. The mixture is advised by the Ministry of Agriculture for killing *acari* in beehives, and should be freshly made. The original formula contained safrol, supplies of which during war-time are difficult to obtain. Users say that the methyl salicylate is of equal or even greater value.

**Sulphanilamide Cream.**—P. F.—Good results in treating burns are understood to have been obtained by the application of a cream prepared to the following formula:

Cetyl trimethyl ammonium bromide . . . . .	1
Sulphanilamide : : : : : . . . . .	3
Castor oil . . . . .	25
Beeswax . . . . .	1·8
Wool fat . . . . .	1·8
Cetyl alcohol . . . . .	5
Glycerin . . . . .	10
Water . . . . .	52·4

The castor oil, beeswax, wool fat and cetyl alcohol are mixed together at as low a temperature as possible. The cetyl trimethyl ammonium bromide is dissolved in the water with the aid of heat, and the solution mixed with the oil, etc., at about 60° C., stirring till set. The sulphanilamide is rubbed up with the glycerin, and the two together incorporated in the cream. The cream may, if desired, be applied without preliminary cleansing.

**The Big Push.**—Waste paper is urgently wanted to keep up the supply of munitions on all war fronts.

# A Reminder from



The following products, which are made in England, are available in normal quantities, and we welcome your enquiries.

- \* 'BETAXAN' ELIXIR (Vitamin B<sub>1</sub>)
- \* 'CIGNOLIN' (Dithranol Powder)
- \* 'DECICAIN' (Surface Anaesthetic)
- \* 'ELITYRAN' (Thyroid Extract)
- \* 'FESTAN' (Pancreatic Enzymes)
- \* 'HELMITOL' (Urinary Antiseptic)
- \* 'ISTIN' (Laxative)
- \* 'LUMINAL' AMPOULES  
· (20% Solution as a special Solvent)
- \* 'PHANODORM' (Medium Hypnotic)
- \* 'PROMINAL' (Specific Anti-epileptic)
- \* 'SALYRGAN' (Powerful Diuretic)
- \* 'THEOMINAL' (Anti-spasmodic)

• TRADE MARKS

**BAYER PRODUCTS LIMITED**  
Africa House, Kingsway, London, W.C.2



REGD. TRADE MARK

**SULPHANILAMIDE  
EPHEDRINE HYDROCHLORIDE  
ANTIMONY POTASSIUM TARTRATE**  
B.P., QUALITIES

Made by  
**THE GEIGY PHARMACEUTICAL Co. Ltd.**,  
National Buildings, Parsonage,  
**MANCHESTER, 3.**



- \* CHEMICALS
- \* PHARMACEUTICALS
- \* HERBS & DRUGS
- \* METALS & ORES
- \* BONES & FERTILISERS
- \* CATTLE FOOD
- \* OILS & FATS
- \* WASTE & BY-PRODUCTS

**J.C. Gilbert & Co.**

COLUMBIA HOUSE, ALDWYCH  
LONDON, W.C.2

NEW YORK · MONTREAL · BUENOS AIRES  
RIO DE JANEIRO · SYDNEY

**GRAESSER SALICYLATES**  
LIMITED  
Manufacturers of Fine Chemicals  
**SANDYCROFT**  
CHESTER, ENGLAND

**SODIUM SALICYLATE**  
**B.P.**

We invite your enquiries for  
Flake Crystals and/or Powder.



## A NEW CHAPTER

Someday—we hope soon—it will be written:  
The story of our post-war developments.

Meanwhile the International Chemical Company Limited, entrusted with priority Government contracts, is directing its resources and experience to the war effort and at the same time maintaining adequate supplies of 'Bisurated' Magnesia, 'Limestone' Phosphate and 'Freezone' Corn Remover (Distribution of 'Pineate' Honey Cough-Syrup is, however, still restricted.) Demand for these popular products is as great as ever.

We take this opportunity of expressing our appreciation of the spirit of co-operation which our friends extend to us in the solution of war-time difficulties.

**INTERNATIONAL CHEMICAL CO., LTD.  
BRAYDON ROAD · LONDON · N · 16**

**BURNSIDE'S EUCALYPTUS OILS**

Distilled in Australia by the largest distillers and refiners of Eucalyptus Oils in the world—W. K. BURNSIDE, PTY., LTD., MELBOURNE, AUSTRALIA.

80/85% B.P.

70/75% B.P.

Oil Euc. Dives 40/45%

Piperitone 90/95%

Oil Euc. Citriodora

Oil Euc. Phellandra

. . . Phellandrene . . .

UNIFORMITY OF QUALITY . . . CONSISTENCY OF ODOUR

Agents for U.K.: **WILSON & MANSFIELD LTD.**, 15 Philpot Lane, London, E.C.3  
 'Phone: MANSION HOUSE 9264-5-6 (WHOLESALE ONLY)

'Grams: WYFIELD, LONDON

TEL.: CANONBURY 3401

**BUCKLEY BOWKER TABLET CO. LTD.**

PARKFIELD STREET, LONDON, N.I.

OVER 40 YEARS PRACTICAL EXPERIENCE

**COMPRESSED TABLETS** **EVERY KIND**  
**(BULK or PACKED)**

PRIVATE FORMULAS COMPOUNDED BY EXPERTS (Strictest Secrecy Guaranteed).

We have specialised  
for many years in— **CONTRACEPTIVES** (Special Formulas), TABLETS and JELLIES

**GUM TRAGACANTH**

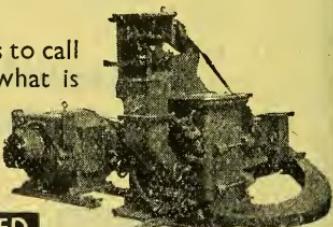
DIRECT IMPORTERS:

N. S. DANGOOR, LTD., PROVINCIAL HOUSE, 98/106 CANNON ST., E.C.4

'Phone: MANSION HOUSE 4781

**MILLAMALT***The* VITAMIN  
MALT FOODWith Vitamins (A-2,000 I.U.: D-140 I.U.  
per fl. oz.)Sole Manufacturers.  
JEFFREYS MILLER & Co. Ltd. Leyland Mills, WIGAN, London Dept. 19 Brookside Road N.**GRINDERS**

The best way to ensure satisfaction in grinding is to call in Porteus. Not only do they know exactly what is required, but they can and do invariably advise on the very best type for the job in hand. Lengthy experience in design and construction is at your service—why not write now?



**GEORGE PORTEUS & SONS (LEEDS) LIMITED**  
LEEDS BRIDGE WORKS Provender Milling Specialists LEEDS 10

November 25, 1944

THE CHEMIST AND DRUGGIST  
SUPPLEMENT

# RADIO-MALT

CHANGES EFFECTIVE FROM DEC. 1st 1944

## NEW FORMULA

Each fluid ounce contains : Vitamin A, 2000 international units; Vitamin B<sub>1</sub> (thiamine hydrochloride) 0.625 mgm. (200 international units); Vitamin B<sub>2</sub> (riboflavine) 0.2 mgm; Vitamin D, 1000 international units; Extract of Yeast, equivalent to 0.1 oz. fresh yeast; Arachis Oil, 7.5 per cent. v/v; Extract of Malt, 100 per cent. v/v.

## NEW PRICES

Size	Retail	Wholesale per doz.
1 lb.	3/-	25/6
2 lb.	5/6	46/-

P.A.T.A. and C.F.

Exempt from Purchase Tax

The new labels are worded in conformity with the Labelling of Food Order, 1944

THE BRITISH DRUG HOUSES LTD. LONDON N.1

*To Owners of Proprietary Preparations*

Can we assist you with your  
Manufacturing Problems in  
South Africa?

**MANUFACTURING LABORATORIES**

(PROPRIETARY) LTD.

52 SIMMONDS STREET,

JOHANNESBURG

will undertake under licence or  
Royalty the manufacture of British  
Proprietaries and ethical products.  
Such goods can be marketed  
through principals own agents.

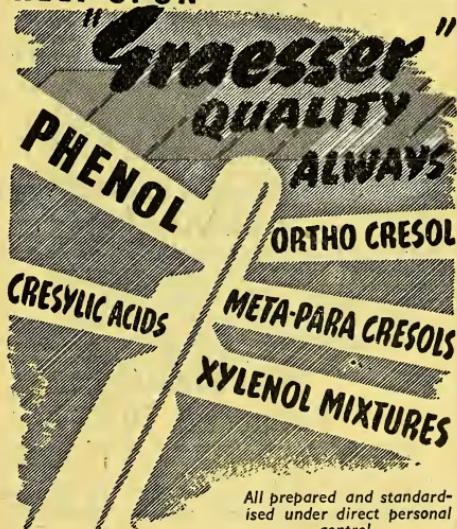
For particulars apply to :—

ANGLO-AFRICAN SHIPPING CO.

(S.A.) LTD.

1 Throgmorton Street, LONDON, E.C.2

RELY UPON



**R. GRAESSER LTD.**  
The Chemical Works, Sandycroft, nr. Chester

# "SURCO"

RELIABLE

## ELASTIC HOSIERY

SEAMED AND SEAMLESS

For special garments to measure  
we give the best possible service

SURGICAL BELTS

TRUSSES AND SUNDRIES

50 years' service of  
everything Surgical

**SURGICAL HOSIERY CO. LTD.**

Russell Street - NOTTINGHAM

Telephone No.75903 Telegrams: Surgical Nottm.

# GALE & MOUNT LTD

28 PONT STREET, LONDON, S.W.1.



Manufacturing Chemists

PINE TERPENES

PINE FRACTIONS

ARTIFICIAL PINE OIL

TURPENTINE SUBSTITUTE

ARTIFICIAL PINE NEEDLE  
OIL

Telephone : KENsington 4477/9

*Important announcement*  
concerning

## THE PROMULSIN SERIES

A New & Improved PROMULSIN WAX  
at Reduced Prices

This new self-emulsifying wax has resulted from continuous research on the material formerly issued under that name. It now entirely replaces the latter in view of its much improved emulsifying, physical and chemical properties.

Price Reduction of  
**PROMULSIN POWDER**

As a result of increasing demand and consequent economy in large-scale manufacture, the prices of this highly purified emulsifying and thickening agent have recently been reduced.



Details of applications and formulas are contained in the booklets illustrated, available on request.

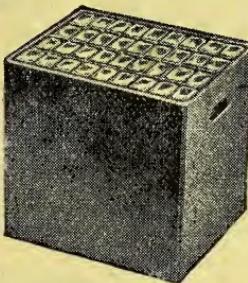
**WATFORD CHEMICAL CO. LTD.**  
50 SOUTH AUDLEY STREET, GROSVENOR SQUARE, W.I.  
Telephone : Grosvenor. 1016

# "National" Dispensing Bottles

**are Strong, Serviceable and Sure-sealing !**



A "NATIONAL" Production.



**NEATLY PACKED IN 6 DOZEN  
RETURNABLE CARTONS**

- ★ CONVENIENT IN SIZE
  - ★ EASY TO HANDLE
  - ★ UNIFORM IN QUALITY
- ALSO . . . Cork mouth bottles  
WASHED & PAPERED  
Screw mouth Bottles  
WASHED AND CAPPED

**SCREW CAPS SUPPLIED IN  
WHITE-ENAMELLED METAL**

## Vials

of "NATIONAL" quality

Ranging in size  $\frac{1}{2}$  oz. up to 3 oz.  
Plain or teaspoon graduations  
Medium and tall types

MANUFACTURED IN BEST QUALITY  
WHITE FLINT, AND PACKED IN  
RETURNABLE CARTONS



*Restrictions outside our control, may  
not allow us to meet every requirement*

## National Glass Works (York) Ltd.

Works: FISHERGATE, YORK      London Office: 105 HATTON GARDEN, E.C.1  
Telephone: York 3021      Telephone: Holborn 2146

**WHOLESALE ONLY**

November 25, 1944



**BEATSON CLARK  
BOTTLES  
ON ACTIVE SERVICE**

The Merchant Navy has won the admiration of the world for its wonderful pluck and endurance, and merchant ships now carry this new life-saving raft in which are essential stores and first-aid equipment. Certain vital items are packed in Beatson Clark Bottles—just another way they are helping an honourable cause.

When the seas are free again we shall be able to offer our friends the same service as of old.



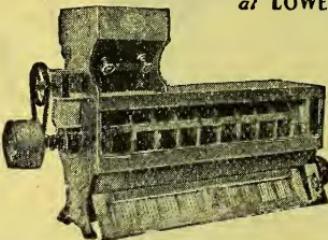
**BEATSON CLARK & CO., LTD.**  
MANUFACTURERS OF CHEMICAL AND MEDICAL GLASS  
ROTHERHAM ESTABLISHED 1795 YORKS.



AS.4

**USED SUCCESSFULLY  
ALL OVER THE WORLD**

For FINEST POWDERS  
at LOWEST COST



All enquiries to  
Wm. GARDNER & Sons  
(Gloucester) Ltd.  
Bristol Road  
GLOUCESTER, Eng.  
Telephone:  
Gloucester 2288  
(3 lines)

**GARDNER'S**  
Patent "QUICK-CHANGE"  
fine  
POWDER DRESSER

*Super Quality*  
**ABSORBENT**  
COTTON WOOLS  
and  
COTTON WADDINGS

THE IMPERIAL PATENT WADDING CO. LTD.  
(Dept. 8), 16 Tariff St., MANCHESTER  
Phone : CEN. 1768.

**THREE CERTAIN WINNERS**

"REMOVAPLAST"  
Retails 9d. Costs 6/- doz. No Tax.  
"TICK" NIT OINTMENT  
Retails 1/- inc. Tax. Costs 7/6 plus ½d Tax.  
ACRIFLAVINE OINTMENT  
Retails 10½d. inc. Tax. Costs 6/3 plus ½d Tax.  
ALL PACKED IN DISPLAY OUTERS  
Manufactured by—  
**RODMILL CHEMICAL CO., LTD**  
9 Paddington LIVERPOOL

# How M.O.F. helps solve infant feeding problems

## ITS THREE SPECIAL USES

THIS smooth Oat Food is recommended for general use in the artificial feeding of infants of five months and over. When weaning has to take place at an early age, M.O.F. can be given from three months onwards. Complementary feeds of M.O.F. mixture may also be given to supplement breast-feeding.

**WHAT IS M.O.F.?** M.O.F. is a smooth Oat Flour recently fortified by the addition of calcium, phosphorus, iron and vitamin D in their proper proportions.

### INFORMATION SERVICE

at any time you wish for information on M.O.F. and its use as an infant food, please write to: Dietetic Dept., A. & R. Scott Limited, Brook House, Park Lane, London, W.1.



DEBUT BY A. & R. SCOTT LIMITED, WEST MILLS, COLINTON, MIDLOTHIAN

# THE CHEMISTS' PRINTERS

FOR OVER SIXTY YEARS

THOMAS WAIDE & SONS, LTD.  
KIRKSTALL HILL  
LEEDS

**BATTLE'S VERMIN KILLER**

IN PACKETS

5d., 9d., 1/-, 2/-, 5/-, P.A.T.A.

WHOLESALE AT

3/-, 5/-, 9/-, 18/-, 36/- per doz.

Order some today from your wholesaler

**TRAGACANTH**

SPECIALISTS IN B.P. POWDER.

SAMPLES AND PRICES ON REQUEST.

FREUDENTHEIL, SMITH & CO., 16 Philpot Lane,  
London, E.C.3.

MANSION House 1924 & 6600.

Estd. 1826

**beethine**

Mothers are always  
grateful if you  
recommend

Supplies still available  
Enquiries are invited

JOHN H. SMITH & CO.  
WHOLESALE AND  
MANUFACTURING CHEMISTS  
BRIDGE STREET,  
NEWARK-ON-TRENT

**DRURY**  
INFANTS' PRESERVATIVE

The safest and most reliable  
remedy for Crying Paroxysms  
Wind Restlessness and other  
distressing complaints

Manufacturers of **TANNIC ACID** (Bulk Supplies Only)  
ALL QUALITIES

**THE BRITISH DYEWOOD COMPANY LTD.**  
19 St. VINCENT PLACE, GLASGOW, C.I

Telephone : CENTRAL 4425

Telegrams : DYEWOOD

**DENTURE CLEANERS & FIXATIVES**

Total Estimated Expenditure for 3 months April, May & June, 1944.. £15,111  
 LARGEST ADVERTISER: KOLYNOS Amount Spent £11,111

Reproduced is a section of the July 1944 "Statistical Review"—THE recognised authority for quarterly estimates of Press advertising expenditures (grouped in some 230 odd tables) of national advertisers.

## *Further Evidence that IT PAYS TO DISPLAY*

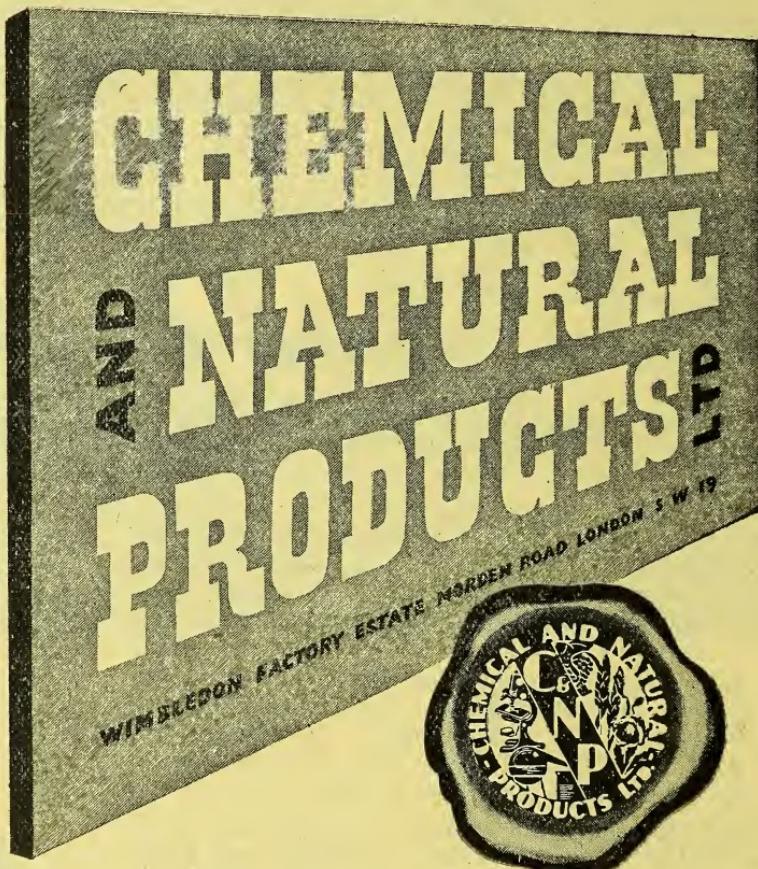
The slogan 'It pays to display ADVERTISED goods' is perhaps hackneyed yet, nevertheless, true. It is, therefore, logical that the more heavily a product is advertised, the more it pays to give larger and more frequent displays. By arranging counter and window shows to 'tie up,' full advantage is taken of the extensive national advertising support. When it is also a 'good profit' line, such displays are, of course, even more worth-while.

All these points apply in full measure to KOLYNOS DENTURE POWDER and DENTURE FIXATIVE. As the above reproduction indicates, they are the most heavily advertised products of their kinds in Great Britain. May we, therefore, ask for your co-operation in arranging suitable displays—to our mutual advantage?

# KOLYNOS

*Denture POWDER &*  
*Denture FIXATIVE*

Sole Distributors:  
KOLYNOS (Sales) LTD.,  
12, CHENIES ST., LONDON, W.C.1

**DISTRIBUTORS OF:****SCRUBB'S CLOUDY AMMONIA****SUPPLY POSITION :**

All customers rationed.

**RAZVITE BRUSHLESS SHAVING  
CREAM**

} Limited Stocks.

**VAL GUITARE LIPSTICK REFILLS**} All available supplies  
already allocated for  
1944.**CHEMINAT DISINFECTANT**} Not available ; manu-  
facture temporarily  
suspended.



# The CHEMIST AND DRUGGIST

## SUPPLEMENT

This Supplement is inserted in every copy of  
The Chemist & Druggist

28 ESSEX STREET, LONDON, W.C.2

NOVEMBER 25  
1944

Advertisement must be prepaid and should reach us not later than FIRST POST WEDNESDAY  
of week of issue. Box Office numbers 1/- extra. Late advertisements will be held over to following week.

### EXCEPTIONAL OFFERS

Genuine Talc

Talc Substitute Zinc Stearate, B.P.

Lanoline B.P.

Stearic Acid Essential Oils

Spermaceti Substitute

Bulk Inquiries only

J. J. VIGON & CO.

30 Fenchurch Street, London, E.C.3

Telephone : Mansion House 2034/5

### OPTICAL TUITION

FOR THE

S.M.C., B.O.A. and N.A.O. DIPLOMA Examinations

Particulars :—

C. A. SCURR, F.S.M.C., F.B.O.A., F.N.A.O.,  
F.I.O., F.C.O., M.P.S  
50 HIGH STREET, BARNET, LONDON, N.

### LIPSTICK CASES 11-mm.

Available in many Attractive Colours

Plastic Push on .. . . .	at 12/- doz.
Bakelite Push on .. . . .	, 15/- doz.
Bakelite Screw on .. . . .	, 17/6 doz.
Cardboard Push on .. . . .	, 30/- grs.
Cardboard Push up .. . . .	, 45/- grs.

The above are subject to 100 per cent. P.T.

"Stipstick" Aseptic Styptic Pencil in booklet match form. 48/- per grs. (inc. tax). Retails 6d. each. Attractively packed and carded.

"Sunglasses" in attractive coloured ultra-smart modern frames with Crookes lenses.

M. CLEMENTS (Chemists Sundries) Ltd.  
57-58 Wells Street, London, W.I.

### BOTTLES AND JARS

From 1 dram to 24 oz.

MARSHALL, LECONTE & CO., LTD.

32 Lynton Crescent, Ilford, Essex

For Sale. 500 gross  $\frac{1}{2}$ -oz. Pomades, complete with metal caps; 200 gross 1-oz. Pomades, complete with metal caps; 250 gross 6-oz. Medical Flats; 100 gross 4-dram bottles; 100 gross 2-dram bottles; 500 gross 1-dram cylindrical bottles; 100 gross 1-oz. Toilet bottles. Gerrard Trading Co., 12 Little Newport Street, London, W.C. Tel. Gerrard 7552.

### STOCKTAKING VALUATIONS

#### BUSINESSES

For Sale and Required

ERNEST J. GEORGE & Co.

329 High Holborn,  
London, W.C.1.  
Tel. 7406/7.

35 Bridge Street,  
Walsall, Nr. Birmingham  
Walsall 5948.

### TRANSPARENT WRAPPING PAPER

Transparent Wrapping Paper FOR SALE. Several tons for disposal, slightly imperfect, which makes this material unsuitable for its original use on automatic wrapping machines, but is ideal for hand-wrapping. It is on reels approx. 2½ in. wide, and is offered at about half today's market price. It is one thou. thick, and goes three or four times as far as greaseproof paper. Each reel is about 1,500 yards and weighs about 7 lb. We shall be pleased to supply any number of reels at the very advantageous price of 1s. 6d. per lb. for quantities up to one ton, and 1s. 3d. per lb. one ton and over. Licence not required. Samples gladly sent on request.

S. G. YOUNG, 1546 Blackfriars Road,  
London, S.E.1. Waterloo 4369.

Christmas Beauty Boxes (each containing Lipstick in case, and Leather Compact) 18/6 each. Leather Compacts, with Sifters and Mirrors 0/- each. Nail Buffers, in assorted colours, 24/- dozen. Request Lipstick Refills. Medium, Light, Dark 28/- dozen. Vanity Cases, with Sifters and Mirrors 48/- dozen. Orange Sticks, 2½ in., in bundles of six, 9/4 dozen bundles. Face Powder Boxes (1-oz.) 36/- gross. Braided Hair Curlers. Retail, 1½ card, 10/- dozen cards.

All Prices include Tax

Harman Dietetic Laboratories, Ltd.

109 Cricklewood Broadway, N.W.2.  
Gladstone 1084

### BUSINESSES FOR DISPOSAL

7/6 for 40 words or less, 2d. for every additional word.

FOR immediate disposal, Business in working-class district. Salford, 6; good prospects to energetic man; no living accommodation; price £550, 587/128, C, & D, London Office.

## SITUATIONS OPEN

7/6 for 40 words or less, 2d. for every additional word.

### Employment of Women (Control of Engagements) Order 1942

With certain exceptions, women over 18 and under 41 years of age seeking Employment and Employers seeking to engage such women are now required to do so only through the local office of the Ministry of Labour and National Service or an approved employment agency.

### RETAIL (HOME)

**A**SSISTANT (unqualified) with all-round experience required at once for brisk counter, dispensing, etc. No Sunday duty, half-day Wednesday. Good salary for capable applicant. Apply with full particulars, age, salary, experience, etc. Harold Miller, Ltd., 98 High Street, Cheltenham.

**B**AKEWELL, Derbyshire. Qualified Branch Manager or Manageress required for good-class easily worked pharmacy. Adequate staff. Permanency. Write 587/139, C. & D. London Office.

**B**IRMINGHAM. Qualified Branch Manager or Manageress required for suburban family business. Permanency. Good prospects. Write 587/140, C. & D. London Office.

**B**LACKBURN. Assistant for busy N.H.I. and counter wanted. Please send full particulars of experience and salary to 72 Victoria Street, Blackburn.

**B**UXTON. Manager or Manageress required for Drug Store (due to call up). Comfortable post. Health resort. 587/141, C. & D. London Office.

**C**ANNOCK, Nr. Wolverhampton. Qualified Branch Manager or Manageress required. Permanency. Apply J. Crawford, 11 Albert Road, Wolverhampton.

**D**ISPENSER, exempt, part or full time, for West London. Apply "A," 586/109, C. & D. London Office.

**D**ISPENSER required in good-class modern Pharmacy, excellent working conditions; also wanted Assistant for Counter. Permanent positions. Apply I. Henneman, Pharmaceutical Chemist, 84 High Street, Sutton, Surrey.

**D**ISPENSING Assistant required for pharmacy in North London. Male or female; experienced N.H.I. Permanent employment. Good wages. Immediate vacancy. 587/144, C. & D. London Office.

**D**RUG STORE, London, S.W. Manager or Manageress required for drug store in busy shopping area. Must be good at display and well used to the drug business. Easy hours and good salary to capable person. Also require Assistant with or without experience. Write 587/143, C. & D. London Office.

**G**. COVERDALE'S SONS, Ltd., York, require shortly gentlemanly Qualified Assistant of good address. First class dispensing and counter experience essential. Permanency. No Sunday or holiday duties. Kindly send details of age, experience, etc., to G. A. Coverdale, 19/20 Parliament Street, York.

**I**MPORTANT Surgical Firm converting their business to Chemists, invite applications from qualified Pharmacists for the position of Manager. There will be excellent scope and prospects for the right man with commencing salary from £8 to £10 per week plus commission, according to qualifications. Particulars, which will be treated in confidence, should give details of experience, age, etc., and state when interview can be arranged in Birmingham. 587/129, C. & D. London Office.

**L**EICESTER. Required young qualified Manager, for busy retail Pharmacy. Knowledge of small-scale manufacturing and doctor's dispensing an advantage. A keen, progressive man has excellent present and post-war prospects. Particulars treated with confidence. 586/999, C. & D. London Office.

**L**OCCUMS immediately required by London Co-operative Chemists, Ltd. Short and long term periods, good wages and expenses. Applications should be submitted to: Pharmacy Manager, 54 Maryland Street, Stratford, London, E.15.

**L**ONDON CO-OPERATIVE CHEMISTS, LTD. require the services of an experienced Chemist/Optician in the North London area. Accommodation available. Particulars, which will be treated with confidence, should state in the first instance details as to experience, etc., and be addressed Chief Pharmacist, 54 Maryland Street, London, E.1.

**L**ONDON CO-OPERATIVE CHEMISTS, LTD. require qualified Pharmacists for positions in the London suburbs. Generous terms, including expenses. Applications stating full details as to experience, etc., which will be treated with confidence, should be submitted to: Pharmacy Manager, 54 Maryland Street, Stratford, London E.15.

**M**ANAGER or Manageress required immediate for Drug Store in North London. Must be well experienced in the drug trade, capable of controlling staff and stock, and have organising ability. Good wage to competent person. Write 587/142, C. & D. London Office.

**M**ARKET town, North Yorkshire dale. Assistant required; short hours; no Sunday or holiday duty; congenial; permanent; eminently suitable anyone requiring light, easy post. Best class business no heavies. 587/126, C. & D. London Office.

**M.P.S.** WANTED. Busy shop. S. London. Large staff. Salary £9 per week. Permanency. 587/145, C. & D. London Office.

**O**RDRIDGE & CO., Employment Agency, Column House, Aldwych, W.C.2, invite inquiries from Pharmacists and Unqualified Persons requiring Situations, except women between the ages of 35 and 41. Progressive vacancies available. Excellent opportunities exist for Unqualified Assistants.

**O**XFORD—Experienced Assistant wanted for dispensing and counter work. Good prospects if satisfactory. Apply with full particulars stating salary required to Burbank, Dispensing Chemists, 116 Walton Street, Oxford.

**Q**UALIFIED lady or gent required for London S.W. No Sunday or holiday duty. Particulars to 588/153, C. & D. London Office.

**R**YAL ARSENAL CO-OPERATIVE CHEMIST Ltd., invite applications from qualified pharmacists for the position of Manager; good post-war prospects. Also unqualified male or female Assistant. Apply, in writing, stating age, experience, salary required, and position under the National Service or Registration for Employment Order, to the Superintendent Chemist, Royal Arsenal Co-operative Chemists, Ltd., 113 Powis Street, Woolwich, S.E.1.

**T**AYLORS CHEMISTS have vacancies in London and Greater London for Pharmacists Managers, and for Dispensing Assistants, either male or female. Employment with secure after-prospects is offered to suitable applicants. Apply Retail Staff Manager, Taylors Chemists, 70 Vauxhall Bridge Road, S.W.1.

**U**NQUALIFIED Assistant or Manageress required. Chiefly counter sales. Comfortable appointment. Write for interview to Manor Place Stores, 206 Manor Place, Walworth.

**W**ANTED, Photographic Salesman for City shop permanency; good prospects. Also Young Man as learner. Wallace Heaton, Ltd., 127 New Bond Street, W.1.

### WHOLESALE

**A**GENTS wanted, well introduced to the Chemical trade in the London area. 587/121, C. & D. London Office.

**A**N old-established Firm of Agricultural & Horticultural Chemists, have Vacancies Travellers calling on Chemists, Seedsmen and Importers in the following territory: Nottinghamshire, Derbyshire, Leicestershire, Northamptonshire, Bedfordshire, Huntingdonshire, Rutland, Norfolk, Suffolk, Essex, Cambridgeshire, Oxfordshire, Buckinghamshire, Berkshire, Hertfordshire and South Wales. State age and full particulars as to past experience and present Agencies. On a commission basis 587/133, C. & D. London Office.

**NALYTICAL** Chemist required by London Manufacturing Chemists, working under Essential Works Order. Practical works experience of general routine analysis and alkaloidal assays of drugs, including opium, essential. Reply, giving particulars of experience, salary, etc., to 578/706, C. & D. London Office.

**SSISTANT** Office Manager required by rapidly expanding Firm of Manufacturing Chemists (W.O.), S.W. London. Permanency with good prospects for man aged 28-35 years, accustomed to heral office routine. 587/123, C. & D. London Office.

**XPERIENCED** Traveller required by Manufacturing Chemists to call upon Wholesalers, Grocers, etc., with high-quality Products in instant demand. Opportunity for an alert man to canise complete sales. 587/124, C. & D. London ice.

**XPERIENCED** Packer required for despatch department of manufacturing chemists (E W O) V. London. Good wages and prospects. Phone nthon Laboratories, Ltd., Putney 4347.

**ACTORY** Manager required by old-established firm of manufacturing confectioners specialising medicated goods. Although not essential a chemist's degree would be an advantage. Applicant could be 35 to 45 years of age with experience of all sses of sugar confectionery. The post is a very numerative one and there are prospects of further vancement. Only gentlemen with highest qualificans need apply. 588/147, C. & D. London Office.

**ANUFACTURERS** of proprietary products with world-wide distribution require a fully Qualified chemist for their works (scheduled under the Essential Works Order) in the north-eastern area. Must have the Diploma of the Institute of Chemistry in Food and Drug Manufacture. Previous similar experience in the food trade an advantage. Age not over 40. Apply, stating age, qualifications, experience and salary required to 588/149, C. & D. London Office.

**ANUFACTURING** Chemists (London) require Assistant—not liable for service, not necessarily qualified—but with knowledge of Wholesale Drug Trade. Duties spread over several departments. Good salary. Comfortable position for right man. 48-hour week. Usual particulars, age, etc., first letter. 586/110, C. & D. London Office.

**ANUFACTURING** Chemists in North-West require the services of an experienced unqualified Assistant (male) in their Manufacturing Department. A practical knowledge of Galenicals, Medicinal preparations—Mixtures, Ointments, etc.—is essential. A permanent appointment to the right person. My giving full details of experience, wage required, etc., and position under N.S. Act to 587/146, C. & D. London Office.

**ANUFACTURING** Chemists producing ethical medical/dental products have vacancies on permanent staff of representatives for conscientious men of good education. Experience in sale of ethical dental products an advantage. Salary, expenses and commission (on existing and new accounts). Applicants, who must own car, are invited to write giving particulars experience, education, age and en free to 586/108, C. & D. London Office.

**ERMANENT** progressive position offered to experienced Tablet Maker by Manufacturing Chemists (London); applicants must be capable of full control of plant producing up to 4 million tablets weekly. Send full particulars of experience and salary required to 585/962, C. & D. London ice.

**ILL-MAKER** required for Manufacturing House, N.W. London. Permanent and progressive opportunity; should be over military age or exempt from service. State experience and wages required. 587/127, C. & D. London Office.

**UALIFIED** Pharmacist (female) is required for the London Warehouse and distributing centre of a firm of Pharmaceutical Manufacturers. Must be ident in the London area. Good prospects of permanency. Applications with full particulars to 585/995, C. & D. London Office.

**TABLET** Maker wanted for N.W. coastal town. Only man with first-class experience and thorough knowledge of sugar and pearl coating need apply. The successful candidate to take charge of plant and be able to control staff. Qualifications an advantage but not absolutely essential. The position is permanent and holds good prospects. Applications should be marked "Managing Director" and will be treated with strictest confidence. 586/101, C. & D. London Office.

## APPOINTMENTS

### SURREY COUNTY COUNCIL

#### ASSISTANT PHARMACISTS

KINGSTON COUNTY HOSPITAL, Wolverton Avenue, Kingston-on-Thames. Must be M.P.S. or Ph.C. Salary grade, £250 x £10—£300 p.a., plus war bonus (19s. p.w. male, 15s. 6d. p.w. female). Permanent staff if female applicant.

BOTLEYS PARK WAR HOSPITAL, CHERTSEY; ST. HELIER COUNTY HOSPITAL, Carshalton; and WARREN ROAD HOSPITAL, Guildford. Salary as for Kingston. Temporary war-time appointments. All applications to Medical Superintendent of appropriate hospital.

## SITUATIONS WANTED

2/6 for 18 words or less, 1d. for every additional word.

### RETAIL (HOME)

LADY Beauty Expert now controlling Perfumery Department of important store, offers services, similar or other capacity. Salary £450. CDB/342, C. & D. London Office.

### WHOLESALE

ACCOUNTANT available to undertake Temporary or Permanent Contracts. Strictest confidence observed. Write 586/985, C. & D. London Office.

ACTIVE Traveller wants good Offer, please. Big connexion Southern counties. Exempt from military and national service. Excellent references. P., 54 Davis Road, London, W.3. C.F. goods preferred.

COSMETIC Chemist manufacturing first-class preparation, also household articles as shoe-creams, disinfectants, etc., own formulas if desired, wants position in London or country. 582/870, C. & D. London Office.

EX-CODER, Royal Navy, age 38, seeks permanent and progressive Post on Clerical or Sales staff. 18 years' West-end experience. 587/134, C. & D. London Office.

PART-TIME Supervision or Advisory. Cosmetics, Galenicals, Sterile Preparations. 586/990, C. & D. London Office.

PUBLICITY AND ADMINISTRATION. Pharmacist, University graduate, with twenty years' experience technical journalism and executive posts, indefatigable worker with a large number of contacts among hospital and retail pharmacists, desires suitable appointment with wholesale or manufacturing, chemists of ethical and progressive outlook. Excellent credentials and distinctive ability offered. Please communicate with 587/136. C. & D. London Office.

REPRESENTATIVE, well known, very good connexion Wholesales and Retail Chemists, Wholesale Grocers and Dept. Stores in Yorkshire and North Lincs, is now open to accept one or two sound lines on part-expenses and commission basis; own car. Toilet and pharmaceutical products preferred. 587/131, C. & D. London Office.

SCIENTIFIC Publicity-chemist (British) offers part time services to manufacturers for technical advertising, copy-writing, booklet, catalogue production, etc. Wide experience of selling and advertising medical and chemical products. Inquiries invited from principals. 588/148, C. & D. London Office.

**SCOTLAND.** Energetic Representative with good education, long standing business experience and very good connexions to retail and wholesale chemists, hospitals and doctors, wants change of position to represent progressive firm. 588/150 C. & D. London Office.

**SERVICES** offered on Sales staff by one with limited knowledge of trade but with good general business experience, including Publicity and Advertising. Age 32; fairly well read and can be relied upon. Now residing Middlesex. Please write 587/122, C. & D. London Office.

## WANTED

7/6 for 36 words or less, 2d. for every additional word.

**A**SPIRIN Powder, Crystals, Tablets wanted by actual user. Highest market prices paid. 578/714, C. & D. London Office.

**A**SPIRIN Powder, Crystals, Grans., and 5-grain tablets, required in large or small quantities. Highest market prices paid. 442/304, C. & D. London Office.

**A**TOMATIC Cream Filler wanted at once; big price paid. Shavex Co., Bavaria Road, Holloway, N.19.

**D**EVELOPING and Printing Apparatus; trade type required; Tanks, Clips, Printing Glazing and Enlarging Apparatus; must be in good condition. Please send particulars and price asked to 587/135, C. & D. London Office.

**L**ABORATORY Equipment wanted by London Manufacturers, singularly unfortunate in blitz incidents; benches, fittings, apparatus, etc., required. Give full particulars, stating price and where articles can be viewed, to 587/130, C. & D. London Office.

**M**ANUFACTURING Chemists require Adeps Lanæ (Lanoline), deodorized, in 1-cwt. lots. Particulars to 585/964, C. & D. London Office.

**R**EQUIRED—1,000 4-oz. Perforated Talcum Tins plain round or square. Particulars to 588/152, C. & D. London Office.

**W**ANTED to purchase, Cameras, Enlargers, and all Photographic Apparatus, Exposure Meters, Tripods, etc., Microscopes, Binoculars, Cine Cameras, and Projectors. Prompt cash and high prices offered. Wallace Heaton, Ltd., 127 New Bond Street, London, W.1.

**W**ANTED, Phenazone, any quantity, large or small. 587/125, C. & D. London Office.

## BUSINESS OPPORTUNITIES

7/6 for 40 words or less, 2d. for every additional word.

**L**EVANT Trade, Ltd., are desirous of making contact with British Manufacturers of Pharmaceuticals, Chemicals and Cosmetics for Representation in post-war time in Palestine and Iran. Best references. Head Office, P.O.B. 1819, 10 Herzl Str., Tel-Aviv.

**P**ACKAGING Work undertaken. Well-known Food Manufacturers will have dry filling and packaging capacity free after Xmas and wish to contact Manufacturers of Pharmaceutical Products in London or Home Counties requiring additional packaging facilities. Communicate, 586/996, C. & D. London Office.

**R**EGISTERED Cosmetic Manufacturer is open to purchase Companies with small or medium Toilet quotas at reasonable prices. Write, in first instance, to Gees, 271 Moston Lane, Manchester, 10.

**S**mall firm are prepared to accept two contracts for Tabletting; modern machines; good service; any tablet from a Saccharin to 1 inch. Write 585/969, C. & D. London Office.

## AGENCIES

7/6 for 36 words or less, 2d. for every additional word.

**E**ENTERPRISING firm would accept additional agencies for London and District. Sole agency preferred. Stock or Commission basis. 587/132 C. & D. London Office.

**O**LD-ESTABLISHED firm in India desires Sole Agency for Toilet Requisites of British manufacture. Apply 587/132, C. & D. London Office.

**W**ANTED, Wholesale Pharmaceutical Distributor to arrange for printing and sale in Great Britain of new publication (already published in Eire) of interest to doctors and hospitals. We are prepared to handle a number of first-class Pharmaceutical Products as sole Eire agents. Amp accommodation and resources. Bankers' reference 586/102, C. & D. London Office.

## MISCELLANEOUS SALES

12/6 for 60 words or less, 1/- each additional 10 words or less.

**B**OTTLE Filling Machine for sale, rotary 9 head type. Barnett and Foster make. As new. Phone Gulliver 5781.

**C**ASKS for Sale, 20 in. x 29 in., 4s. 6d. each, lots of 30. Not suitable for liquids. Stocks London ready for immediate delivery. 584/91 C. & D. London Office.

**N**AME plates for Chemists. Neatly engrave Send wording for full-size sketch and list (enclose 3d. stamps). G. Maile & Son, Ltd., Engvers, 367 Euston Road, London, N.W.1.

**P**EPERMINT OIL B.P. (Bush). 28 lb. tin 2 x 5 lb. Tin Jap. Kobayashi; Isinglass Str 20 lb.; Lemon Oil B.P. 28 lb. tin; White Odourine Oil drum; Otto Rose, Virgin French, 10 oz.; Special prices; write Henshaw, M.P.S., 97 Clearmount Road, Weymouth.

**W**EIGHING and filling machine for powder Southall & Smith, unused, capacity 15 p. minute for weighings of up to eight ounces. Blad Dairies, Ltd., Rossmore Road, N.W.1. Telephone Padd. 2484.

## PREMISES TO LET

**S**UTTON, SURREY. Shop and good living accommodation to let; rent fifty shillings per week inclusive. Suitable for Dispensing Chemist or Chiropractor, etc. Excellent position and good opportunity of creating prosperous business. Fine premises no opposition. 588/151, C. & D. London Office.

## BUSINESSES WANTED

7/6 for 40 words or less, 2d. for every additional word.

**A**DVERTISER wishes to purchase (for cash) a high-class Pharmacy, with good dispensing connexion, and a pre-war turnover of not less than £10,000 p.a. in a busy and well-populated residential town in Bucks, Berks, Hants, Oxon or Wilts. Particulars in strict confidence to 585/968, C. & D. London Office.

**H**ILLIER, PARKER MAY & ROWDEN Surveyors and Valuers, 77 Grosvenor Street, W.1, have applications for several sound and progressive single-shop Businesses occupying prime trading positions in London and Provinces, or Group Concern would be seriously considered. Owners contemplating sale or their solicitors invited to write for further information to Hill Parker, May & Rowden, 77 Grosvenor Street, W.1.

The acridine derivatives

# ACRIFLAVINE EUFLAVINE & PROFLAVINE

occupy an important place among antiseptics.  
We invite your inquiries for our range  
of reliable products at competitive prices.

#### SUPPLIES :—

Acriflavine, Euflavine, and Proflavine in  
containers of 5, 25, 100 and 500 Gm.  
Solvellae Proflavine, gr. 1.75 containers  
of 25.

Solvellae Euflavine, gr. 1.75 containers  
of 100.



Manufactured by

**MAY & BAKER LTD.**

Distributors

**HARMACEUTICAL SPECIALITIES (MAY & BAKER) LTD., DAGENHAM**



The ethical medical preparation for  
the treatment of Asthma. Prescribed  
and recommended by the Medical Pro-  
fession throughout the British Empire



BRITISH FELSON COMPANY LTD.  
WIGTON HOUSE, 206-212 ST. JOHN STREET, CLERKENWELL, LONDON, E.C.1  
Telephone: CLERkenwell 5862. Cables: 'Felsol,' Smith, London